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ABSTRACT

The seventh annual study of occupational opportunities in Nebraska reflects State manpower needs and trends as revealed by employer listings (number of persons employed, job duties of persons employed, and a projection of future needs). A 5 percent random sample was generated from the revised master list of employers for each of the six State technical community college areas. Job descriptions were coded by job title and number using the "Dictionary of Occupational Titles" (D.O.T.) and related to a corresponding instructional training program and number according to "Vocational Education and Occupations." Part 1 consists of tabular projections by occupational titles while part 2 includes tabular projections of need by occupational divisions according to areas of: professional, technical, and managerial occupations; clerical and sales; service; farming, fishery, forestry, and related occupations; processing; machine trades; bench work; structural work; miscellaneous; and occupations with no D.O.T. number. Part 3 tabulates needs by the seven major areas of vocational education (agricultural, distributive, health, home economics, office, technology, and trade/industrial occupations) and lists only those job titles with a corresponding vocational instructional training program. Except for brief summarization, the document contents consist of tabulated data. (EA)

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NRCUVE Series #18

OCCUPATIONAL OPPORTUNITIES IN NEBRASKA

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1974 REPORT

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FOR VOCATIONAL EDUCATION

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From
STATE-WIDE COMPUTERIZED MODEL FOR DETERMINING
OCCUPATIONAL OPPORTUNITIES IN NEBRASKA

June, 1974

By
NEBRASKA RESEARCH COORDINATING UNIT
FOR VOCATIONAL EDUCATION
University of Nebraska
In Cooperation With
State Department of Education
Division of Vocation Education
and
The Nebraska State Board
for Technical Community Colleges

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The Nebraska State Department of Education, Division of Vocational Education
The Department of Labor, Division of Employment
The Nebraska State Advisory Council for Vocational Education
The University of Nebraska Staff and Review Committee
The Nebraska State Board for Technical Community Colleges

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REPORT OF
STATE-WIDE MODEL FOR DETERMINING
OCCUPATIONAL OPPORTUNITIES IN NEBRASKA

SUMMARY

INTRODUCTION

This is the seventh annual study to identify occupational opportunities in the state of Nebraska. This study reflects changes intended to make the study useable by a larger segment of educational planners throughout the state. The method of gathering data remained the same as previous years, however, the five percent sample was generated once for each of the Technical Community College Areas to insure a more representative sample by area.

The emphasis of this study is to determine manpower needs and trends through asking employers to list the number of persons employed, job duties of persons employed (job description), and to project future needs according to these job descriptions.

The data supplied by employers as job descriptions were coded by job title and number using the *Dictionary of Occupational Titles*[1] and related to a corresponding instructional training program and number according to *Vocational Education and Occupations.*[2] Both documents are necessary references when using the 1974 *Occupational Opportunities Report* as a program planning base. Use of the *Dictionary of Occupational Titles* as the primary coding system allows the identification of many professional level occupations that do not have training programs listed under vocational education. This facet of the study should promote an overall perspective of occupations in Nebraska.

DELIMITATIONS

Fluctuations of employer listings within the master file were a delimiting factor to the study. Since employers move in and out of business throughout the state there is continuous change in the total numbers within the employer master file. Partial up-dating was possible through the Department of Labor, Division of Employment.

No allowance was made for the seasonal labor "peaks" and "lows" common in work areas. All part-time and seasonal employees were equated in terms of full-time equivalents.

The fluctuations caused by small sampling accounts for variations in certain instructional training areas from one year to another. This variation was evident when comparing all previous yearly studies.

Another delimitation common to all the studies was that the data has been obtained exclusively from employers. Employers tend to over- or under-estimate, depending on labor and economic trends.

Self-employed persons are not accounted for within this study with the exception of self-employed farmers.[3]

No attempt has been made within the study to align Instructional Training Programs with actual training programs offered within the state. The training programs listed were the programs designated for identified job titles by the U.S. Office of Education Classification System identified in *Vocational Education and Occupations.*

PROCEDURE

The updating of the master list of employers in the state was accomplished through the removal of firms no longer in existence and the addition of new firms. The original master list was compiled from the following sources: (1) IRS 941 (firms employing one or more persons); (2) IRS 942 (domestic help); (3) IRS 943 (farmers and ranchers employing hired labor); (4) the Division of Employment of the State Department of Labor (out-of-state firms with in-state locations, and federal, state, local tax exempt agencies); and (5) the State Tax Commissioner (the State Business Master File).

Updating of the master list for this study was done by deleting firms no longer in existence using a compiled list from the Division of Employment of the Nebraska Department of Labor, and adding new firms from the ES 202 listing. Additional firms were dropped from the master list as "dead" firms where identified by interviews in 1973.

The master list of employers was sorted by postal zip codes into the six Technical Community College areas and a five percent random sample was generated for each of the six areas (Appendix A). Each employer was interviewed to determine the number of persons employed, job duties of each employee (job description), numbers of persons needed for the next twelve months and the following two years. Data supplied by employers as job descriptions were coded by job title and number using the *Dictionary of Occupational Titles.* Instructional training programs for D.O.T. titles were identified through Part II of the U.S. Office of Education publication, *Vocational Education and Occupations.*

A computerized straight line projection technique was used to project: total employed, need next twelve months, reason for need, and need for the following two years.

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[1]U. S. Department of Labor, *Dictionary of Occupational Titles* (Vol. 1, Third Edition), U. S. Government Printing Office, Washington, 1965.

[2]U. S. Office of Education, *Vocational Education and Occupations* OE-80061, U. S. Government Printing Office, Washington, 1969.

[3]Nebraska Department of Agriculture, *Nebraska Agricultural Statistics*, Annual Report 1972, Preliminary 1973 (Lincoln: State-Federal Division of Agricultural Statistics, June 1974).

EXPLANATION OF TABLES

Table 1, Summary by Occupational Category, lists the total projected employment and need as classified by the *Dictionary of Occupational Titles*. Also, included in Table 1 is a breakdown of Occupational Categories by percent of total employment and future need. Tables 2 through 11, Occupational Group Arrangement of Titles and Codes, show projected employment and future need for the state and by Technical Community College Area. These tables include the corresponding Instructional Training Program as listed in *Vocational Education and Occupations*. An asterisk appearing in the Instructional Training Program column indicates job titles which do not have corresponding Instructional Training Program listed in the *Vocational Education and Occupations* document.

Tables 12 through 21 reflect employment opportunities, determined from employer interview, by need related to *expansion, retirement, promotion* and *turnover*. These tables are grouped by major two digit Occupational Divisions showing need for the state and by Technical Community College Areas. Need for the following two years, beyond the twelve month projection, was based upon employer estimates.

All data, Tables 1 through 30, are composite (average) figures from the 1973 and 1974 employer interviews. Combining the yearly figures minimizes fluctuations found in single year sample data. This procedure also allows data application to a larger group of job titles and program classifications.

Subtotals are listed following each Occupational Group (three-digit) or Occupational Division (two-digit) and totals are listed at the end of each Occupational Category (one-digit).

SUMMARY OF OCCUPATIONAL CATEGORIES

Data presented in Table 1 indicates projected employment of Occupational Categories as compiled from the Occupational Groups (Tables 2 through 11). The following breakdown lists totals by group in order of size for the 1974 Report.

Clerical and Sales Occupations represented the *largest* Occupational Category with 189,680 persons now employed or 28.9 percent of the total projected present employment. The Clerical and Sales Occupations encompassed 266 Job Titles (picked up on the 1974 Survey), 7 different Vocational Technical Areas, 249 Job Titles with Instructional Training Programs and 17 Job Titles with no identified Instructional Training Program in the *Vocational Education and Occupations* document.

Professional, Technical, and Managerial Occupations, the *second* largest Occupational Category with 119,191 persons now employed, represented 18.2 percent of the total projected employment. This area of 333 Job Titles involved 7 different Vocational Technical Areas, 172 Job Titles with Instructional Training Programs and 161 Job Titles with no identified Instructional Training Program.

Farming, Fishery, Forestry and Related Occupations, the *third* largest Occupational Category with 85,830 persons now employed, represented 13.1 percent of the total projected employment. This area of 59 Job Titles involved 1 Vocational Area, 51 Job Titles with Instructional Training Programs and 8 Job Titles with no identified Instructional Training Program.

Service Occupations, the *fourth* largest Occupational Category with 83,320 persons now employed, represented 12.5 percent of the total projected employment. This area of 120 Job Titles involved 5 different Vocational Areas, 95 Job Titles with Instructional Training Programs and 25 Job Titles with no identified Instructional Training Program.

Structural Work Occupations, the *fifth* largest Occupational Category with 64,720 persons now employed, represented 9.8 percent of the total projected employment. This area of 148 Job Titles involved 1 Vocational Area, 112 Job Titles with Instructional Training Programs and 36 Job Titles with no identified Instructional Training Program.

Miscellaneous Occupations, the *sixth* largest Occupational Category with 44,770 persons now employed, represented 6.8 percent of the total projected employment. This area of 102 Job Titles involved 4 different Vocational Areas, 53 Job Titles with Instructional Training Programs and 49 Job Titles with no identified Instructional Training Program.

Machine Trades Occupations, the *seventh* largest Occupational Category with 37,340 persons now employed, represented 5.7 percent of the total projected employment. This area of 135 Job Titles involved 3 different Vocational Areas, 100 Job Titles with Instructional Training Programs and 35 Job Titles with no identified Instructional Training Program.

Processing Occupations, the *eighth* largest Occupational Category with 16,770 persons now employed, represented 2.5 percent of the total projected employment. This area of 77 Job Titles involved 2 different Vocational Areas, 33 Job Titles with Instructional Training Programs and 44 Job Titles with no identified Instructional Training Program.

Bench Work Occupations the *ninth* largest Occupational Category with 13,510 persons now employed, represented 2.1 percent of the total projected employment. This area of 78 Job Titles involved 3 different Vocational Areas, 51 Job Titles with Instructional Training Programs and 27 Job Titles with no identified Instructional Training Program.

Occupations with no DOT Numbers, the *tenth* largest Occupational Category with 2,380 persons now employed, makes up 0.4 percent of the total projected employment. This area is made up of 8 Job Titles with no Vocational Areas nor Instructional Training Programs.

TABLE 1
SUMMARY BY OCCUPATIONAL CATEGORIES

OCCUPATIONAL CATEGORIES	Projected Employment		Projected Future Needs			
			Next 12 Months		Following 2 Years	
	Number	Percentage of Total	Number	Percentage of Total	Number	Percentage of Total
Professional, Technical and Managerial Occupations	119,191	18.2	11,200	9.0	12,110	8.6
Clerical and Sales Occupations	189,680	28.9	34,720	28.0	33,320	23.7
Service Occupations	82,320	12.5	19,360	15.6	26,470	18.8
Farming, Fishing, Forestry, and Related Occupations	85,830	13.1	9,591	7.7	8,322	5.9
Processing Occupations	16,770	2.5	5,100	4.1	6,740	4.8
Machine Trades Occupations	37,340	5.7	7,630	6.2	9,640	6.8
Bench Work Occupations	13,510	2.1	3,190	2.6	4,780	3.4
Structural Work Occupations	64,720	9.8	16,060	12.9	16,950	12.1
Miscellaneous Occupations	44,770	6.8	16,340	13.1	21,750	15.5
Occupations with no DOT Number	2,380	.4	960	.8	620	.4
Total	656,511		124,151		140,702	

[a]Includes self-employed farmers, Nebraska Department of Agriculture, *Nebraska Agricultural Statistics Annual Report* 1972, Preliminary 1973 (Lincoln: State-Federal Division of Agricultural Statistics, June, 1974).

[b]Genereaux, Douglas, Annual Estimated Replacement Farmer Opportunities in Nebraska, Agricultural Education Department Report No. 3, (Lincoln: University of Nebraska, March, 1967), p. 6 (Mimeographed).

TABLE 2
PROFESSIONAL, TECHNICAL, AND MANAGERIAL OCCUPATIONS

OCCUPATIONAL GROUP		Total State Projected Employment	Area I		Area II		Area III		Area IV		Area V		Area VI		Total State Projected 2 Year Need	INSTRUCTIONAL TRAINING PROGRAM	
D.O.T. Number	Job Title		Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need		H.E.W. Number	Program
001.081	Architect	550	10	0	-	-	50	10	30	0	110	10	350	20	10	*	
001.281-010	Draftsman, Architectural	560	20	10	10	0	40	0	60	10	90	0	340	60	30	17.13	Drafting
003.081	Electrical Engineer	210	-	-	-	-	-	-	-	-	150	20	60	0	50	*	
003.081	Electronic Engineer	30	10	0	20	0	-	-	-	-	-	-	-	-	0	*	
003.181-010	Electrical Technician	20	-	-	-	-	20	0	-	-	-	-	-	-	0	16.0107	Electrical Technology
003.181-014	Electronic Technician	80	10	10	10	10	-	-	-	-	60	10	-	-	30	16.0108	Electronic Technology
003.187	Radio Engineer	20	-	-	-	-	-	-	-	-	-	-	20	0	0	*	
003.281-010	Draftsman, Electrical	90	-	-	-	-	-	-	-	-	10	0	80	0	0	17.13	Drafting
003.281-014	Draftsman, Electronic	10	-	-	10	0	-	-	-	-	-	-	-	-	0	17.13	Drafting
003.281-026	Instrumentation Technician	80	-	-	-	-	-	-	-	-	70	30	10	0	30	16.0112	Instrumentation Technology
005.081	Civil Engineer	1,020	40	0	30	0	-	-	-	-	570	80	380	100	170	*	
005.081	Structural Engineer	60	-	-	-	-	-	-	-	-	-	-	60	0	0	*	
005.281-014	Draftsman, Civil	610	70	40	40	10	-	-	-	-	250	30	250	150	270	17.13	Drafting
005.281-018	Draftsman, Structural	120	10	0	-	-	-	-	-	-	30	0	80	0	0	17.13	Drafting
007.081	Mechanical Engineer	1,320	-	-	-	-	-	-	50	0	250	0	1,020	30	80	*	
007.081	Refrigeration Engineer	40	-	-	-	-	-	-	-	-	-	-	40	0	0	*	
007.081-066	Tool Designer	180	-	-	-	-	-	-	-	-	20	10	160	150	180	16.0113	Mechanical Technology
007.151	Heating Engineer	60	-	-	-	-	-	-	-	-	-	-	60	0	0	*	
007.181-022	Engineering Assistant, Mechanical Equipment	10	-	-	-	-	-	-	-	-	-	-	10	10	0	16.0113	Mechanical Technology
007.181-026	Mechanical-Engineering Technician	380	-	-	-	-	-	-	-	-	280	0	100	0	0	16.0113	Mechanical Technology
007.281-014	Draftsman, Mechanical	840	-	-	-	-	10	10	10	0	160	10	660	30	100	17.13	Drafting
008.081	Chemical Engineer	90	-	-	-	-	-	-	-	-	-	-	90	0	0	*	
010.081	Petroleum Engineer	310	10	0	-	-	-	-	-	-	-	-	300	0	0	*	
010.281-030	Field Engineer, Specialist	900	-	-	-	-	-	-	-	-	-	-	900	150	200	16.0116	Petroleum Technology
010.288-030	Surveyor, Oil-Well Directional	10	10	0	-	-	-	-	-	-	-	-	-	-	0	16.0116	Petroleum Technology
012.168-022	Systems Analyst, Business-Electronic-Data Processing	170	-	-	10	0	-	-	-	-	110	20	50	10	10	14.0204	Systems Analysts
012.188	Time-Study Engineer	90	-	-	-	-	-	-	-	-	90	0	-	-	0	*	
012.288-010	Industrial Engineering Technician	80	-	-	-	-	-	-	-	-	80	20	-	-	20	16.0111	Industrial Technology
017.281-038	Draftsman, Apprentice	90	-	-	20	0	-	-	10	100	50	0	10	0	0	17.13	Drafting
018.188	Surveyor	310	50	40	20	0	-	-	30	0	210	60	-	-	130	*	
018.587	Surveyor, Helper	10	-	-	10	20	-	-	-	-	-	-	-	-	0	*	
019.281-014	Office-Lay-Out-Service Man	20	-	-	-	-	-	-	-	-	20	0	-	-	0	16.0499	Office Related Technology
019.281-018	Quality-Control Technician	160	-	-	-	-	-	-	20	10	10	0	130	80	40	16.0113	Mechanical Technology

OCCUPATIONAL GROUP		Total State Projected Employment	Area I		Area II		Area III		Area IV		Area V		Area VI		Total State Projected 2 Year Need	INSTRUCTIONAL TRAINING PROGRAM	
D.O.T. Number	Job Title		Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need		H.E.W. Number	Program
019.288-018	Specification Writer, Engineering	10	-	-	-	-	-	-	10	0	-	-	-	-	0	16.0106	Structural Technology
	Subtotal	8,540	240	100	180	40	120	20	220	120	2,620	300	5,160	790	1,350		
Mathematics and Physical Sciences																	
020.088	Operations-Research Analyst	90	-	-	-	-	-	-	-	-	40	0	50	0	0	•	
020.168-005	Programmer Chief, Business	60	-	-	-	-	10	10	-	-	50	10	-	-	0	14.0203	Programming
020.188	Actuary	120	-	-	-	-	-	-	-	-	-	-	120	0	0	•	
020.188	Financial Analyst	120	-	-	-	-	-	-	-	-	120	30	-	-	30	•	
020.188-026	Programmer, Business	350	-	-	-	-	-	-	40	10	180	20	130	0	30	14.0203	Programming
020.188	Statistician	50	-	-	-	-	-	-	-	-	50	10	-	-	10	•	
022.081	Chemist	120	-	-	10	0	-	-	-	-	-	-	110	0	10	•	
022.281-014	Chemical-Laboratory Technician	310	-	-	-	-	-	-	-	-	-	-	310	0	0	16.0105	Chemical Technology
023.081	Physicist	10	-	-	-	-	-	-	-	-	-	-	10	0	0	•	
029.281-018	Laboratory Tester I	140	-	-	-	-	90	90	-	-	-	-	50	0	90	16.0105	Chemical Technology
029.381-034	Laboratory Tester II	80	-	-	-	-	-	-	10	0	50	0	20	0	10	16.0203	Food Processing Technology
	Subtotal	1,450	-	-	10	0	100	100	50	10	490	70	800	0	180		
Life Sciences																	
040.081	Agronomist	10	-	-	-	-	10	0	-	-	-	-	-	-	0	•	
040.081	Dairy Technologist	10	-	-	-	-	-	-	-	-	-	-	10	0	0	•	
040.081-074	Soil Conservationist	340	50	0	-	-	70	20	70	0	110	0	40	0	40	01.0603	Soil
040.081	Soil Scientist	20	-	-	-	-	-	-	20	0	-	-	-	-	0	•	
041.081	Biochemist	150	-	-	-	-	-	-	-	-	150	0	-	-	0	•	
041.081	Biologist	130	-	-	-	-	-	-	-	-	-	-	130	0	0	•	
041.081	Microbiologist	20	-	-	10	0	-	-	-	-	-	-	10	0	0	•	
041.181	Histopathologist	50	-	-	-	-	-	-	-	-	-	-	50	0	0	•	
045.108	Counselor II	260	50	0	10	0	0	10	50	0	100	0	50	0	0	•	
045.108	Psychologist	340	10	0	10	0	-	-	10	0	270	30	40	20	0	•	
	Subtotal	1,330	110	0	30	0	80	30	150	0	630	30	330	20	40		
Social Sciences																	
050.088	Economist	300	-	-	10	0	10	0	-	-	280	70	-	-	20	•	
050.088-034	Market-Research Analyst	30	-	-	-	-	-	-	-	-	-	-	30	10	20	04.01	Advertising Services
050.118	Manpower, Research, and Planning Director	200	-	-	-	-	-	-	-	-	200	0	-	-	0	•	
	Subtotal	530	-	-	10	0	10	0	-	-	480	70	30	10	40		

OCCUPATIONAL GROUP		Total State Projected Employment	Area I		Area II		Area III		Area IV		Area V		Area VI		Total State Projected 2 Year Need	INSTRUCTIONAL TRAINING PROGRAM	
D.O.T. Number	Job Title		Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need		H.E.W. Number	Program
Medicine and Health																	
070.081	Pathologist	60	-	-	-	-	-	-	-	-	-	-	60	0	0	*	
070.101	Surgeon I	110	10	0	30	0	-	-	-	-	40	0	30	0	10	*	
070.108	Anesthesiologist	20	-	-	20	0	-	-	-	-	-	-	-	-	0	*	
070.108	Cardiologist	20	-	-	-	-	-	-	-	-	-	-	20	0	0	*	
070.108	Dermatologist	10	-	-	-	-	-	-	-	-	-	-	10	0	0	*	
070.108	General Practitioner	2,720	100	0	320	30	240	20	250	30	410	40	1,400	10	50	*	
070.108	Neurologist	40	-	-	-	-	-	-	-	-	-	-	40	0	10	*	
070.108	Obstetrician	10	-	-	-	-	-	-	-	-	-	-	10	0	0	*	
070.108	Ophthalmologist	50	-	-	-	-	-	-	-	-	20	0	30	0	0	*	
070.108	Radiologist	120	-	-	-	-	-	-	-	-	60	0	60	0	10	*	
071.108	Osteopathic Physician	10	-	-	10	0	-	-	-	-	-	-	-	-	0	*	
072.108	Dentist	1,090	30	10	180	0	60	0	150	0	300	0	370	20	30	*	
073.108	Veterinarian	490	80	0	20	0	60	0	200	0	80	0	50	0	20	*	
073.381-010	Laboratory Technician, Veterinary	110	20	0	-	-	50	0	30	0	-	-	10	0	20	01.0299	Ag. Supplies & Services Other
074.181	Pharmacist	1,260	80	10	210	0	60	10	150	20	340	10	420	80	100	*	
074.387	Pharmacy Helper	150	-	-	10	0	10	0	-	-	110	0	20	0	0	*	
075.128	Nurse, Head	250	20	0	70	0	10	0	10	0	60	0	80	10	10	*	
075.378-010	Nurse, Anethesist	50	10	0	-	-	-	-	-	-	-	-	40	0	0	07.0301	Nursing
075.378-014	Nurse, General Duty	9,010	830	30	1,430	60	760	50	660	90	960	10	4,370	950	1,240	07.0301	Nursing
075.378-022	Nurse, Private Duty	30	-	-	-	-	-	-	10	0	-	-	20	0	0	07.0301	Nursing
077.128	Nutritionist	50	-	-	-	-	-	-	30	0	20	0	-	-	10	*	
077.168	Dietician	190	40	20	30	0	10	0	10	0	10	0	90	10	10	*	
078.281-010	Biochemistry Technologist	220	-	-	-	-	-	-	-	-	30	0	190	0	0	07.0203	Medical Lab. Assisting
078.281-018	Medical Technologist	1,220	10	0	10	0	50	10	10	0	20	0	1,110	210	210	07.0203	Medical Lab. Assisting
078.368-014	Dental Hygienist	100	-	-	10	10	-	-	-	-	40	0	50	0	0	07.0102	Dental Hygiene
078.368-018	Electrocardiograph Technician	140	-	-	10	10	-	-	20	0	20	0	90	20	20	07.0902	Electrocardiograph Technology
078.368-022	Electroencephalograph Technician	80	-	-	-	-	-	-	10	0	-	-	70	10	10	07.0901	Electrocephalograph Technology
078.368-026	Orthotist	20	-	-	-	-	-	-	-	-	-	-	20	0	0	07.0404	Orthotics
078.368-026	Prosthetist	30	-	-	-	-	-	-	-	-	-	-	30	0	0	07.0403	Prosthetics
078.368-030	Radiologic Technologist	820	40	0	140	10	40	0	50	0	60	0	490	80	90	07.0501	Radiologic Tech. (X-Ray)
078.381-010	Medical-Laboratory Assistant	490	20	0	70	0	50	0	50	0	220	0	80	0	40	07.0203	Medical Lab. Assisting
078.381-014	Nuclear-Medical Technologist	60	-	-	10	0	-	-	-	-	-	-	50	0	0	07.0503	Nuclear Medical Tech.
078.381-018	Tissue Technologist	30	-	-	-	-	-	-	-	-	-	-	30	0	0	07.0202	Histology
079.108	Audiologist	90	60	0	10	0	-	-	10	0	-	-	10	0	10	*	
079.108	Chiropractor	40	-	-	10	0	-	-	10	0	20	10	-	-	0	*	
079.108	Optometrist	210	40	10	60	0	-	-	-	-	90	10	20	0	10	*	
079.108	Podiatrist	80	-	-	-	-	10	0	20	0	-	-	50	0	10	*	
079.108	Speech Clinician	30	-	-	-	-	-	-	-	-	30	0	-	-	0	*	

OCCUPATIONAL GROUP		Total State Projected Employment	Area I		Area II		Area III		Area IV		Area V		Area VI		Total State Projected 2 Year Need	INSTRUCTIONAL TRAINING PROGRAM	
D.O.T. Number	Job Title		Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need		H.E.W. Number	Program
079.108	Speech Pathologist	10	-	-	-	-	-	-	-	-	-	-	10	10	0	•	
079.128	Occupational Therapist	40	10	0	-	-	-	-	-	-	-	-	30	0	0	•	
079.128	Recreational Therapist	80	-	-	30	0	-	-	10	0	10	0	30	0	0	•	
079.128	Supervisor, Auxilliary Personnel	40	-	-	10	10	-	-	-	-	10	0	20	10	10	•	
079.368-018	Inhalation Therapist	300	60	0	10	0	-	-	10	0	-	-	220	70	10	07.0903	Inhalation Therapy
079.368-022	Medical Assistant	540	40	0	50	10	30	0	20	10	130	30	270	10	50	07.0904	Medical Assist, Physician's Office
079.368-026	Occupational Therapy Aid	20	10	0	10	0	-	-	-	-	-	-	-	-	50	07.0401	Occupational Therapy
079.378-010	Dental Assistant	1,090	30	10	170	10	80	20	170	10	330	20	310	30	90	07.0101	Dental Assisting
079.378-026	Nurse, Licensed Practical	3,840	1,150	30	750	110	270	40	150	20	220	0	1,300	280	490	07.0302	Practical (Vocational) Nursing
079.378-030	Orthoptist	50	-	-	-	-	-	-	50	0	-	-	-	-	0	07.0602	Orthoptics
079.378	Physical Therapist	240	30	0	30	0	20	0	-	-	20	0	140	10	10	•	
079.378-042	Surgical Technician	140	140	0	-	-	-	-	-	-	-	-	-	-	0	07.0305	Surgical Technician
	Subtotal	25,900	2,860	120	3,720	260	1,820	150	2,090	180	3,650	130	11,750	1,820	2,630		
Education																	
090.118	President, Educational Institution	100	-	-	20	0	-	-	-	-	80	0	-	-	0	•	
090.228	Faculty Member, College or University	820	-	-	100	0	-	-	-	-	720	0	-	-	0	•	
091.118	Superintendent, Schools	1,440	180	0	290	10	120	0	340	30	290	20	220	20	50	•	
091.228	Teacher, Secondary Schools	9,810	1,040	20	1,970	230	940	60	1,990	180	2,030	220	1,840	290	720	•	
092.228	Teacher, Elementary Schools	9,560	1,100	20	1,890	140	840	100	2,290	110	1,610	160	1,830	170	680	•	
094.228	Teacher, Blind	90	-	-	-	-	-	-	-	-	90	0	-	-	0	•	
094.228	Teacher, Mentally Retarded	520	90	0	10	10	110	0	140	0	160	60	10	0	0	•	
096.128-014	County-Agricultural Agent	300	-	-	50	10	30	0	200	20	20	0	-	-	10	01.02	Ag. Supplies and Services
096.128	County-Home-Demonstration Agent	30	-	-	10	0	-	-	20	0	-	-	-	-	0	•	
096.168	Weed-Control Supervisor	20	-	-	-	-	-	-	20	0	-	-	-	-	0	•	
097.228	Instructor, Vocational Training	90	70	0	-	-	-	-	20	0	-	-	-	-	0	•	
099.118	Director, Educational Program	30	10	0	-	-	10	0	-	-	-	-	10	0	0	•	
099.168	Audiovisual Specialist	20	-	-	-	-	20	10	-	-	-	-	-	-	0	•	
099.168	Educational Specialist	60	30	0	-	-	10	0	-	-	20	0	-	-	0	•	
099.228	Athletic Coach	10	-	-	-	-	-	-	-	-	-	-	10	0	0	•	
	Subtotal	22,900	2,520	40	4,340	400	2,080	170	5,020	340	5,020	460	3,920	480	1,460		
Museum, Library & Archival Sciences																	
100.168	Librarian	240	50	0	20	0	10	10	20	0	80	10	60	10	20	•	

OCCUPATIONAL GROUP		Total State Projected Employment	Area I		Area II		Area III		Area IV		Area V		Area VI		Total State Projected 2 Year Need	INSTRUCTIONAL TRAINING PROGRAM	
D.O.T. Number	Job Title		Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need		H.E.W. Number	Program
100.388	Medical-Records Librarian	30	10	0	-	-	-	-	-	-	-	-	20	0	0	*	
	Subtotal	270	60	0	20	0	10	10	20	0	80	10	80	10	20		
Law and Jurisprudence																	
110.108	Lawyer	3,710	150	10	200	20	150	10	310	20	910	70	1,990	100	270	*	
110.118	Insurance Attorney	10	-	-	-	-	-	-	-	-	10	0	-	-	0	*	
110.118	Tax Attorney	20	-	-	-	-	-	-	10	0	10	0	-	-	0	*	
110.118	Title Attorney	30	-	-	-	-	-	-	-	-	-	-	30	0	0	*	
111.108	Judge	60	-	-	40	10	-	-	20	0	-	-	-	-	0	*	
119.288	Abstractor	360	40	0	20	0	10	0	20	0	70	0	200	80	180	*	
119.288	Law Clerk	290	10	0	10	0	-	-	10	0	110	30	150	20	50	*	
	Subtotal	4,480	200	10	270	30	160	0	370	20	1,110	100	2,370	200	500		
Religion and Theology																	
120.108	Clergy	880	70	10	130	0	100	10	130	30	160	20	290	20	40	*	
	Subtotal	880	70	10	130	0	100	10	130	30	160	20	290	20	40		
Writing																	
130.088	Literary Writer	10	-	-	-	-	-	-	-	-	-	-	10	0	20	*	
131.068	News Analyst, Broadcast	40	-	-	-	-	-	-	20	0	-	-	20	0	0	*	
131.088	Continuity Writer	10	-	-	-	-	-	-	-	-	-	-	10	0	0	*	
132.018	Editor, Newspaper	330	70	0	110	0	60	0	30	0	50	0	10	0	10	*	
132.038	Editor, Department	60	-	-	-	-	20	0	-	-	30	0	10	0	0	*	
132.068	Columnist	190	90	0	-	-	-	-	90	0	10	0	-	-	10	*	
132.068	Editor, Magazine	50	-	-	-	-	-	-	-	-	50	0	-	-	0	*	
132.088-010	Copywriter	140	70	0	-	-	-	-	-	-	40	0	30	0	20	04.01	Advertising Services
132.268	Reporter	660	-	-	30	0	70	0	10	0	480	80	70	0	80	*	
139.288	Writer, Technical Publications	20	-	-	-	-	-	-	-	-	20	0	-	-	0	*	
	Subtotal	1,510	230	0	140	0	150	0	150	0	680	80	160	0	140		
Art																	
141.081-010	Advertising Lay-Out Man	200	40	0	-	-	-	-	-	-	110	0	50	0	10	04.01	Advertising Services
141.081-01*	Art Lay-Out Man	40	-	-	-	-	-	-	-	-	-	-	40	0	0	17.07	Commercial Art Occupations
141.168-010	Production Manager, Advertising	30	-	-	-	-	-	-	-	-	10	0	20	0	0	04.01	Advertising Services
142.031-010	Manager, Display	60	-	-	-	-	-	-	-	-	30	0	30	0	0	04.01	Advertising Services
142.051-014	Interior Designer & Decorator	220	-	-	-	-	-	-	10	0	100	10	110	0	20	17.0701	Interior Decorating
142.081-022	Commercial Designer	10	-	-	-	-	-	-	-	-	10	0	-	-	0	17.07	Commercial Art Occupations
142.081-050	Floral Designer	610	-	-	-	-	80	0	70	0	170	20	290	10	100	04.05	Floristry

OCCUPATIONAL GROUP		Total State Projected Employment	Area I		Area II		Area III		Area IV		Area V		Area VI		Total State Projected 2 Year Need	INSTRUCTIONAL TRAINING PROGRAM	
D.O.T. Number	Job Title		Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need		H.E.W. Number	Program
142.081-054	Furniture Designer	10	-	-	-	-	-	-	-	-	-	-	10	0	0	17.0703	Product Design
142.081-078	Industrial Designer	110	90	60	-	-	-	-	-	-	-	-	20	10	310	17.0703	Product Design
142.081-118	Sign Designer	20	-	-	-	-	-	-	-	-	-	-	20	0	10	17.07	Commercial Art Occupations
143.062-022	Manager, Photograph Gallery or Studio	290	-	-	-	-	70	0	60	0	100	20	60	0	30	04.15	Personal Services
143.062	Photographer	80	10	20	10	0	-	-	-	-	-	-	60	20	0	*	
143.382	Photographer, Aerial	20	-	-	-	-	-	-	-	-	20	0	-	-	0	*	
144.081	Painter, Portraits	10	-	-	-	-	-	-	-	-	10	0	-	-	0	*	
148.081	Memorial Designer	70	-	-	-	-	-	-	-	-	-	-	70	0	0	*	
	Subtotal	1,780	140	80	10	0	150	0	140	0	560	50	780	40	480		
Entertainment and Recreation																	
151.028	Instructor, Dancing	20	-	-	-	-	-	-	-	-	-	-	20	10	10	*	
152.028	Teacher, Music	50	30	10	10	0	-	-	-	-	-	-	10	0	0	*	
152.048	Choirmaster	40	-	-	-	-	-	-	20	0	-	-	20	0	0	*	
152.048	Musical Entertainer	10	10	0	-	-	-	-	-	-	-	-	-	-	0	*	
152.048	Musician	310	-	-	50	0	-	-	90	10	110	10	60	10	0	*	
152.048	Orchestra Leader	10	-	-	-	-	-	-	10	0	-	-	-	-	0	*	
153.118	Director, Athletic	10	10	0	-	-	-	-	-	-	-	-	-	-	0	*	
153.118	Manager, Athletic Team	30	-	-	-	-	0	20	-	-	-	-	30	0	20	*	
153.228	Golf Pro	60	40	0	-	-	10	0	-	-	10	0	-	-	0	*	
153.228	Instructor, Swimming	10	-	-	10	0	-	-	-	-	-	-	-	-	0	*	
153.348	Athlete	200	-	-	-	-	-	-	-	-	-	-	200	0	0	*	
159.148	Announcer	170	-	-	-	-	-	-	100	30	70	0	-	-	0	*	
159.168	Director, Program	10	-	-	-	-	-	-	10	0	-	-	-	-	0	*	
159.848	Exotic Dancer	50	-	-	-	-	-	-	-	-	-	-	50	500	1,060	*	
	Subtotal	980	90	10	70	0	10	20	230	40	190	10	390	520	1,090		
Administrative Specializations																	
160.168	Auditor, City or County	250	-	-	20	0	20	0	200	0	10	0	-	-	20	*	
160.188	Accountant	3,080	190	0	110	0	30	0	90	0	1,710	260	950	70	420	*	
160.288-010	Credit Analyst, Chief	10	-	-	-	-	-	-	-	-	-	-	10	0	0	14.0101	Accountants
160.288-018	Estimator	210	-	-	20	0	-	-	-	-	100	10	90	0	10	14.0101	Accountants
161.118-010	Budget Officer	50	-	-	-	-	-	-	-	-	10	0	40	20	0	14.0802	Budget Management Analysts
161.118-018	Treasurer	270	30	0	60	20	50	0	30	0	50	10	50	0	0	14.0802	Budget Management Analysts
162.118-010	Administrator, Contract and Order	20	-	-	-	-	-	-	-	-	-	-	20	0	0	14.0899	Supv. & Adm. Management Occup. Other
162.158-014	Broker	80	-	-	-	-	-	-	10	0	70	0	-	-	0	04.06	Food Distribution
162.158-022	Broker's Floor Representative	140	10	0	-	-	-	-	-	-	100	0	30	0	0	04.04	Finance and Credit
162.158-026	Buyer, Agricultural Products	240	-	-	-	-	20	0	-	-	10	0	210	50	0	01.0401	Food Products

OCCUPATIONAL GROUP		Total State Projected Employment	Area I		Area II		Area III		Area IV		Area V		Area VI		Total State Projected 2 Year Need	INSTRUCTIONAL TRAINING PROGRAM	
D.O.T. Number	Job Title		Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need		H.E.W. Number	Program
162.158-030	Buyer	10	-	-	-	-	-	-	-	-	-	-	10	0	0	04.08	General Merchandise
162.158-050	Buyer II	570	20	0	40	0	10	0	30	0	10	0	460	0	0	04.08	General Merchandise
162.158-054	Buyer, Livestock	100	30	0	-	-	10	0	50	0	-	-	10	0	100	01.0401	Food Products
162.158-066	Buyer, Time and Space	10	-	-	-	-	-	-	-	-	10	0	-	-	0	04.01	Advertising Services
162.158-074	Commission Man, Livestock	30	-	-	-	-	30	0	-	-	-	-	-	-	10	04.06	Food Distribution
162.158-082	Field-Contact Man	10	-	-	-	-	-	-	-	-	-	-	10	0	0	01.0401	Food Products
162.158-102	Purchasing Agent	280	10	0	20	0	10	0	20	0	70	0	150	0	0	04.99	Distributive Education, Other
162.158	Securities Trader	110	-	-	-	-	-	-	-	-	110	0	-	-	0	*	
162.168-010	Buyer, Grain	390	140	0	10	0	20	0	60	0	70	0	90	10	30	01.0401	Food Products
163.118-026	Manager, Sales	960	30	0	40	0	120	20	30	0	130	10	610	50	140	04.12	Industrial Marketing
163.168-018	Manager, Utilities Sales and Service	80	-	-	20	0	10	0	-	-	10	0	40	0	0	04.12	Industrial Marketing
164.068-010	Advertising Assistant	10	-	-	-	-	-	-	-	-	-	-	10	0	0	04.01	Advertising Services
164.118-010	Director, Advertising	10	-	-	-	-	-	-	-	-	-	-	10	0	0	04.01	Advertising Services
164.118-014	Manager, Advertising	280	-	-	10	0	30	0	-	-	140	0	100	0	0	04.01	Advertising Services
164.168-010	Account Executive	60	-	-	-	-	-	-	-	-	-	-	60	0	0	04.01	Advertising Services
165.068-022	Public-Relations Man II	170	20	0	-	-	-	-	-	-	100	10	50	0	0	04.01	Advertising Services
165.068-026	Sales-Service Man	120	-	-	-	-	-	-	-	-	40	0	80	0	0	04.01	Advertising Services
166.088-010	Job Analyst	70	-	-	-	-	-	-	-	-	70	70	-	-	0	14.0602	Interviewers and Test Technicians
166.118-010	Director, Educational	10	-	-	-	-	-	-	-	-	10	0	-	-	0	14.0601	Ed. Asst. and Training Specialists
166.118-022	Manager, Personnel	490	-	-	80	0	20	0	10	0	160	10	220	10	20	14.0603	Personnel Assistants
166.168-010	Benefits-and-Service-Records Supervisor	10	-	-	-	-	-	-	-	-	10	0	-	-	0	14.0603	Personnel Assistants
166.168-026	Manager, Employment	50	-	-	-	-	-	-	-	-	20	0	30	70	40	14.0603	Personnel Assistants
166.168-034	Estate Planner	80	-	-	-	-	-	-	-	-	-	-	80	20	20	04.13	Insurance
166.228-018	Supervisor, Training	10	-	-	-	-	-	-	-	-	10	0	-	-	0	14.0601	Ed. Asst. and Training Specialists
166.228-022	Training Representative	10	-	-	-	-	-	-	-	-	10	0	-	-	0	14.0601	Ed. Asst. and Training Specialists
166.268-014	Employment Interviewer I	280	30	0	40	0	-	-	10	0	-	-	200	0	160	14.0602	Interviewers and Test Technicians
166.268-018	Employment Interviewer II	80	-	-	-	-	-	-	-	-	30	0	50	190	0	14.0602	Interviewers and Test Technicians
166.268	Field Representative	110	-	-	-	-	-	-	-	-	110	0	-	-	0	*	
168.268-034	Placement Officer	90	-	-	-	-	-	-	10	0	40	0	40	150	0	14.0602	Interviewers and Test Technicians
168.168	Immigration Inspector	80	-	-	-	-	-	-	-	-	-	-	80	0	10	*	
168.168	Investigator	50	-	-	-	-	-	-	-	-	50	10	-	-	10	*	
168.168-050	Manager, Credit-and-Collection	410	20	0	10	0	-	-	-	-	340	80	40	0	80	14.0899	Supr. & Adm. Management Occup., Other

OCCUPATIONAL GROUP		Total State Projected Employment	Area I		Area II		Area III		Area IV		Area V		Area VI		Total State Projected 2 Year Need	INSTRUCTIONAL TRAINING PROGRAM	
D.O.T. Number	Job Title		Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need		H.E.W. Number	Program
168.168-082	Safety Inspector	10	10	0	-	-	-	-	-	-	-	-	-	-	0	17.2899	Public Service, Other
168.284-010	Safety Inspector I	10	-	-	-	-	-	-	-	-	10	0	-	-	0	17.2899	Public Service, Other
168.287-010	Agricultural-Commodity Grader	30	-	-	-	-	-	-	-	-	30	0	-	-	10	16.02	Agricultural Related Technology
168.368	Title Clerk	10	-	-	-	-	-	-	-	-	-	-	10	0	0	*	
169.118-022	Labor-Relations Specialist	20	-	-	-	-	-	-	-	-	20	0	-	-	0	14.0699	Personnel Training Occupations, Other
169.168-014	Administrative Assistant	640	-	-	30	0	10	0	40	10	250	0	310	50	60	14.0801	Administrative Assts.
169.168-018	Administrative Secretary	330	-	-	-	-	-	-	10	0	200	10	120	0	10	14.0701	Executive Secretary
169.168	Appeals Referree, Unemployment Insurance	20	-	-	-	-	-	-	-	-	10	0	10	0	0	*	
169.168-026	Chief Clerk	160	-	-	-	-	-	-	60	0	70	0	30	0	0	14.0805	Office Managers
169.168-058	Manager, Electronic-Data-Processing	110	-	-	-	-	-	-	-	-	90	0	20	0	10	14.02	Business Data Processing Systems
169.168-062	Manager, Office	4,410	110	10	330	0	320	0	190	0	1,410	150	2,050	200	270	14.0805	Office Managers
169.168-070	Park Ranger	10	-	-	-	-	-	-	-	-	10	0	-	-	0	01.0602	Recreation
169.188-014	Underwriter	540	-	-	-	-	-	-	60	0	30	0	450	70	150	04.13	Insurance
169.268-014	Claims Taker, Unemployment Benefits	40	-	-	-	-	-	-	-	-	40	0	-	-	0	14.0602	Interviewers and Test Technicians
169.388-010	Escrow Officer	20	-	-	-	-	-	-	-	-	-	-	20	0	10	14.0899	Supr. & Adm. Management Occup. Other
	Subtotal	15,740	650	10	840	20	710	20	910	10	5,780	630	6,850	960	1,590		
Managers, Officials (Other)																	
180.118-010	Field Man	20	-	-	-	-	-	-	-	-	20	0	-	-	0	01.01	Agricultural Production
180.168-022	General Manager, Farm	320	10	0	70	0	50	0	10	0	50	0	130	0	10	01.0104	Farm Business Management
180.168-030	Manager, Production, Seed Corn	10	-	-	-	-	-	-	10	0	-	-	-	-	0	01.0102	Plant Science
181.118-010	Manager, Bulk Plant	160	-	-	20	0	30	0	20	0	60	0	30	0	0	04.16	Petroleum
182.168	Contractor	850	90	0	100	0	20	0	80	0	200	10	360	0	10	*	
182.168	Superintendent, Construction	190	10	0	20	0	-	-	50	0	-	-	110	20	0	*	
182.287	Construction Inspector	120	-	-	-	-	-	-	-	-	80	0	40	0	0	*	
183.118-010	Manager, Branch	70	-	-	-	-	-	-	-	-	50	10	20	0	10	04.12	Industrial Marketing
183.118	Production Superintendent	1,200	40	0	30	0	50	0	190	50	70	0	820	40	110	*	
183.168	General Supervisor	220	-	-	30	0	-	-	80	40	-	-	110	10	10	*	
183.168-034	Manager, Food Processing Plant	30	-	-	-	-	-	-	-	-	10	0	20	0	0	01.0401	Food Products
184.118-018	Director, Transportation	20	-	-	-	-	-	-	10	0	-	-	10	0	0	04.19	Transportation
184.118-042	Manager, Operations	20	-	-	-	-	-	-	-	-	20	0	-	-	10	04.19	Transportation
184.118	Manager, Station	40	-	-	-	-	-	-	20	0	-	-	20	0	0	*	

OCCUPATIONAL GROUP		Total State Projected Employment	Area I		Area II		Area III		Area IV		Area V		Area VI		Total State Projected 2 Year Need	INSTRUCTIONAL TRAINING PROGRAM	
D.O.T. Number	Job Title		Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need		H.E.W. Number	Program
184.168	Director, Program	100	-	-	-	-	-	-	40	10	50	0	10	0	0	*	
184.168	Director, Public Service	10	-	-	-	-	-	-	-	-	-	-	10	0	0	*	
184.168-066	Manager, Bus Transportation	10	-	-	-	-	-	-	-	-	-	-	10	0	0	04.19	Transportation
184.168-090	Manager, Traffic	10	-	-	-	-	-	-	-	-	10	0	-	-	0	04.19	Transportation
184.168-114	Manager, Warehouse	110	-	-	-	-	-	-	20	0	30	0	60	0	0	04.19	Transportation
184.168	Superintendent, Distribution	50	-	-	10	0	40	0	-	-	-	-	-	-	0	*	
185.168-010	Commissary Man	310	-	-	160	0	-	-	-	-	150	0	-	-	0	04.06	Food Distribution
185.168-030	Manager, Distribution-Warehouse	50	-	-	10	0	-	-	10	0	-	-	30	0	0	04.31	Wholesale Trade, Other
185.168-034	Manager, Donut Shop	90	10	0	-	-	50	0	10	0	10	0	10	0	0	04.06	Food Distribution
185.168-042	Manager, Franchise Promotion	40	-	-	-	-	-	-	-	-	-	-	40	0	0	04.17	Real Estate
185.168-046	Manager, Merchandise	30	-	-	10	0	-	-	10	0	10	0	-	-	0	04.08	General Merchandise
185.168-050	Manager, Parts	470	10	0	10	0	40	10	110	0	90	0	210	10	20	04.03	Automotive
185.168-054	Manager, Store I	7,100	370	0	1,280	60	560	0	1,120	0	1,710	40	2,060	70	180	04.08	General Merchandise
185.168-058	Manager, Store II	40	-	-	-	-	10	0	20	0	-	-	10	0	0	04.16	Petroleum
185.168-066	Service Manager	340	20	0	110	0	20	10	30	0	60	0	100	0	0	04.03	Automotive
185.168-078	Wholesaler	480	20	0	-	-	-	-	40	0	80	0	340	0	90	04.31	Wholesale Trade, Other
186.118	Business Manager, College or University	20	-	-	10	0	-	-	-	-	10	0	-	-	0	*	
186.118	Controller	180	-	-	-	-	10	0	-	-	70	0	100	0	0	*	
186.118-026	Manager, Financial Institution	2,460	70	0	290	10	130	0	180	0	1,550	280	240	20	480	04.04	Finance and Credit
186.118-030	Manager, Insurance	1,330	40	0	20	0	20	0	60	0	400	40	790	40	120	04.13	Insurance
186.118-042	Property-Rental Agent	20	-	-	10	0	-	-	-	-	-	-	10	0	0	04.17	Real Estate
186.118-046	Real Estate Agent	10	-	-	-	-	-	-	-	-	-	-	10	0	0	04.17	Real Estate
186.118	Trust Officer	30	-	-	-	-	-	-	-	-	-	-	30	0	0	*	
186.168-010	Bank Cashier	530	20	10	140	10	20	0	90	10	190	10	70	20	100	04.04	Finance and Credit
186.168-022	Manager, Apartment House	170	-	-	-	-	10	0	10	0	10	0	140	0	0	04.17	Real Estate
186.168-050	Reserve Officer	10	-	-	-	-	-	-	-	-	-	-	10	0	0	04.04	Finance and Credit
186.168-030	Manager, Insurance Office	60	-	-	30	0	-	-	10	0	10	0	10	0	0	04.13	Insurance
186.168-034	Manager, Property	540	40	0	50	0	90	10	10	0	210	10	140	20	10	04.17	Real Estate
186.288-010	Loan Officer	1,560	60	0	30	0	40	0	250	30	690	140	490	50	290	04.04	Finance and Credit
186.388-010	Disbursement Clerk	20	-	-	-	-	20	0	-	-	-	-	-	-	0	14.0805	Office Managers
187.118	Administrator, Hospital and Nursing Home	750	90	0	180	0	100	0	90	0	80	10	210	20	30	*	
187.118	Director, Community Org.	230	20	0	10	10	20	0	-	-	160	20	20	10	10	*	
187.118	Business Agent, Labor Union	90	-	-	20	0	-	-	-	-	20	0	50	0	0	*	
187.118-030	Manager, Hotel	230	50	0	60	10	-	-	70	0	30	0	20	0	20	04.11	Hotel and Lodging
187.118-034	Manager, Motel	290	60	0	40	10	30	0	70	0	30	0	60	0	30	04.11	Hotel and Lodging

OCCUPATIONAL GROUP		Total State Projected Employment	Area I		Area II		Area III		Area IV		Area V		Area VI		Total State Projected 2 Year Need	INSTRUCTIONAL TRAINING PROGRAM	
D.O.T. Number	Job Title		Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need		H.E.W. Number	Program
187.118	Public Health Service Officer	10	-	-	-	-	-	-	-	-	10	10	-	-	0	*	
187.138-010	Houseparent	200	-	-	80	0	-	-	-	-	80	30	40	0	10	09.0205	Inst. Home Mgt. & Supportive Services
187.168-026	Director, Funeral	140	-	-	-	-	40	0	20	0	30	0	50	0	10	04.15	Personal Services
187.168-038	Director, School Lunch Program	110	70	0	-	-	-	-	10	0	-	-	30	0	0	09.0203	Food Mgt. Production and Services
187.168-050	Executive Housekeeper	60	10	0	10	0	-	-	-	-	20	0	20	10	0	09.0205	Inst. Home Mgt. & Supportive Services
187.168-058	Manager, Barber Shop	20	-	-	-	-	-	-	-	-	10	0	10	0	0	04.15	Personal Services
187.168-062	Manager, Beauty Shop	280	30	10	50	0	10	10	70	0	50	0	70	0	0	04.15	Personal Services
187.168-066	Manager, Cafeteria or Lunchroom	370	-	-	350	0	-	-	-	-	-	-	20	0	0	09.0203	Food Mgt., Production and Services
187.168-074	Manager, Cemetery	20	-	-	-	-	-	-	-	-	-	-	20	0	0	04.15	Personal Services
187.168	Manager, Recreation	490	70	0	40	0	90	10	160	0	70	0	60	10	30	*	
187.168-098	Manager, Golf Club	70	10	0	-	-	20	0	10	0	-	-	30	0	0	04.18	Recreation and Tourism
187.168-106	Manager, Liquor Establishment	570	40	0	10	10	80	10	70	10	70	0	300	0	0	04.07	Food Services
187.168-126	Manager, Restaurant or Coffee Shop	1,970	260	0	100	10	240	0	350	0	570	20	450	0	40	04.07	Food Services
187.168-134	Manager, Service Department	30	-	-	-	-	-	-	-	-	10	0	20	0	0	04.09	Hdwe., Bldg. Mat., Farm & Garden Sup. & Eqp.
187.168-146	Manager, Theater	110	-	-	-	-	-	-	20	0	90	10	-	-	20	04.18	Recreation and Tourism
187.168-154	Manager, Vehicle Leasing and Rental	120	-	-	-	-	-	-	-	-	20	0	100	20	50	04.03	Automotive
187.168-162	Manager, Catering	20	-	-	-	-	-	-	-	-	10	0	10	0	0	04.07	Food Services
187.168	National Service Officer	10	-	-	-	-	-	-	-	-	-	-	10	0	0	*	
187.168-194	Superintendent, Building II	40	10	0	10	0	-	-	-	-	20	0	-	-	0	04.17	Real Estate
187.168-198	Superintendent, Laundry	10	-	-	-	-	-	-	10	0	-	-	-	-	0	04.15	Personal Services
187.268	Field Representative	40	-	-	-	-	-	-	-	-	-	-	40	10	0	*	
188.118	Civil Defense Officer	170	-	-	-	-	-	-	20	0	150	10	-	-	20	*	
188.118	Commissioner	150	-	-	-	-	-	-	140	0	10	0	-	-	10	*	
188.118	Manager, City; Industrial Planning Administrator	470	80	0	80	0	120	0	130	0	60	20	-	-	0	*	
188.118	Welfare Director	60	-	-	-	-	-	-	60	0	-	-	-	-	0	*	
188.168	Election Procedures Advisor	10	-	-	10	10	-	-	-	-	-	-	-	-	0	*	
188.168	Manager, Housing Authority	10	-	-	10	0	-	-	-	-	-	-	-	-	0	*	

OCCUPATIONAL GROUP		Total State Projected Employment	Area I		Area II		Area III		Area IV		Area V		Area VI		Total State Projected 2 Year Need	INSTRUCTIONAL TRAINING PROGRAM	
D.O.T. Number	Job Title		Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need		H.E.W. Number	Program
188.168	Postmaster	250	20	0	60	0	30	0	30	0	110	0	-	-	20	*	
188.168	Revenue Agent; Property-Utilization Officer	330	-	-	-	-	-	-	-	-	330	50	-	-	60	*	
188.168	Secretary of State	1	-	-	-	-	-	-	-	-	1	0	-	-	0	*	
188.188	Assessor	70	-	-	50	10	-	-	10	0	10	0	-	-	0	*	
189.118	Director, Research & Development	330	-	-	-	-	-	-	10	0	310	70	10	0	20	*	
189.118-018	Manager, Industrial Org.	3,010	280	10	110	0	50	0	310	0	770	50	1,490	20	310	04.12	Industrial Marketing
189.118	President, Vice-President	190	-	-	10	0	-	-	50	0	40	0	90	10	10	*	
189.158-010	Business Broker	10	-	-	-	-	-	-	-	-	-	-	10	0	0	04.04	Finance and Credit
189.168-014	Junior Executive	10	-	-	-	-	-	-	-	-	-	-	10	0	0	04.08	General Merchandise
189.168-018	Manager Trainee	110	-	-	-	-	-	-	30	0	40	10	40	10	10	04.08	General Merchandise
189.168	Security Supervisor	10	-	-	-	-	-	-	-	-	-	-	10	0	0	*	
	Subtotal	30,921	1,910	30	3,730	150	2,040	60	4,230	150	9,111	850	9,900	420	2,160		
Misc. Professional, Tech., and Managerial																	
191.118-010	Booking Agent	40	-	-	-	-	-	-	10	0	-	-	30	0	0	04.18	Recreation and Tourism
191.118-014	Business Agent	10	-	-	-	-	-	-	-	-	-	-	10	0	0	04.18	Recreation and Tourism
191.158	Pawnbroker	150	-	-	-	-	-	-	-	-	-	-	150	20	20	*	
191.268-018	Credit Analyst	10	-	-	-	-	-	-	-	-	-	-	10	0	10	04.04	Finance and Credit
191.287-014	Appraiser, Real Estate	180	-	-	-	-	-	-	20	0	110	30	50	10	50	04.17	Real Estate
191.288	Appraiser	20	-	-	-	-	-	-	-	-	-	-	20	0	0	*	
195.108	Caseworker	690	60	0	80	40	60	40	60	0	70	0	360	30	140	*	
195.118	Administrator, Social Welfare	40	-	-	-	-	40	10	-	-	-	-	-	-	10	*	
195.168	Caseworker, Supervisor	10	-	-	-	-	-	-	-	-	-	-	10	0	0	*	
195.168	Community Org. Worker	50	-	-	-	-	-	-	-	-	40	0	10	0	0	*	
195.168-026	Director, Recreation Center	110	10	0	-	-	-	-	-	-	-	-	100	0	0	04.18	Recreation and Tourism
195.208	Case Aide	10	-	-	-	-	-	-	-	-	-	-	10	0	0	*	
195.228	Program Aid, Group Work; Recreation Leader	330	-	-	-	-	10	0	110	0	150	70	60	20	120	*	
196.228	Instructor, Flying	70	-	-	-	-	-	-	20	10	-	-	50	0	20	*	
196.283-014	Airplane Pilot, Commercial	170	20	0	-	-	-	-	20	10	-	-	130	0	20	16.0601	Commercial Pilot Training
196.283	Airplane Pilot, Crop Dusting	50	-	-	-	-	10	0	40	0	-	-	-	-	0	*	
199.168	Urban Planner	40	-	-	-	-	-	-	10	10	30	0	-	-	0	*	
	Subtotal	1,980	90	0	80	40	120	50	290	30	400	100	1,000	80	390		
TOTAL–PROFESSIONAL, TECHNICAL & MANAGERIAL OCCUPATIONS		119,191	9,170	410	13,580	940	7,660	640	14,000	930	30,971	2,910	43,810	5,370	12,110		

*No Vocational Instructional Training Program Listed

TABLE 3
CLERICAL AND SALES OCCUPATIONS

OCCUPATIONAL GROUP		Total State Projected Employment	Area I		Area II		Area III		Area IV		Area V		Area VI		Total State Projected 2 Year Need	INSTRUCTIONAL TRAINING PROGRAM	
D.O.T. Number	Job Title		Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need		H.E.W. Number	Program
Stenographic, Typing, Filing and Related																	
201.368-010	Legal Secretary	1,260	70	0	60	10	100	0	180	10	290	20	560	50	110	14.0702	Secretaries
201.368-014	Medical Secretary	750	100	0	-	-	-	-	200	0	260	20	190	20	60	14.0702	Secretaries
201.368-018	Secretary	19,670	800	60	1,350	70	1,220	90	1,300	140	4,830	450	10,170	1,620	3,730	14.0702	Secretaries
202.388-014	Stenographer	780	20	0	20	0	10	0	40	0	300	20	390	80	40	14.0703	Stenographers
203.138-010	Telegraphic-Typewriter Operator, Chief	10	-	-	10	0	-	-	-	-	-	-	-	-	0	14.0902	Typists
203.588-014	Telegraphic-Typewriter Operator	20	-	-	-	-	-	-	-	-	-	-	20	0	0	14.0902	Typists
203.588-018	Typist	3,900	40	0	260	30	20	0	100	20	940	250	2,540	450	950	14.0902	Typists
204.288-010	Correspondence Clerk	40	-	-	-	-	-	-	-	-	40	10	-	-	10	14.0402	Correspondence Clerks
205.138-010	Personnel Clerk Supervisor	10	-	-	10	0	-	-	-	-	-	-	-	-	0	14.0603	Personnel Assistants
205.168-010	Travel Clerk	10	-	-	-	-	-	-	-	-	-	-	10	0	0	14.0603	Personnel Assistants
205.368	Admissions Evaluator	60	-	-	60	0	-	-	-	-	-	-	-	-	0	*	
205.368-014	Employment Clerk	50	-	-	-	-	-	-	10	0	40	0	-	-	0	14.0603	Personnel Assistants
205.368-026	Personnel Clerk	60	-	-	-	-	-	-	-	-	10	0	50	0	0	14.0603	Personnel Assistants
205.388-010	Civil-Service Clerk	10	-	-	-	-	-	-	-	-	10	0	-	-	0	14.0603	Personnel Assistants
206.388-018	File Clerk I	2,870	-	-	20	10	-	-	10	0	250	70	2,590	1,460	1,570	14.0302	File Clerks
206.388-034	Record Clerk II	20	-	-	-	-	-	-	-	-	20	10	-	-	0	14.0302	File Clerks
206.588-010	Brand Recorder	40	-	-	-	-	-	-	-	-	40	0	-	-	0	14.0302	File Clerks
207.782-030	Typewriter Operator, Automatic	60	-	-	10	0	-	-	-	-	50	40	-	-	10	14.0301	Duplicating Mach. Oper.
208.588-018	Photocomposing-Machine Perferator Operator	100	-	-	100	0	-	-	-	-	-	-	-	-	20	14.0399	Filing, Off. Machine & Gen. Of. Cler. Other
208.782-014	Embossing-Machine Operator II	10	-	-	-	-	-	-	-	-	-	-	10	0	0	14.0399	Filing, Off. Machine & Gen. Of. Cler. Other
208.885-014	Microfilm Mounter	10	-	-	-	-	-	-	-	-	10	0	-	-	0	14.0399	Filing, Off. Machine & Gen. Off. Cler. Other
209.368-014	Evaluator	10	-	-	10	0	-	-	-	-	-	-	-	-	20	14.0399	Filing, Off. Machine & Gen. Off. Cler. Other
209.382	Justowriter Operator	30	10	0	-	-	10	0	10	0	-	-	-	-	0	*	
209.388-014	Cancellation Clerk	10	-	-	-	-	10	0	-	-	-	-	-	-	0	14.0399	Filing, Off. Machine & Gen. Off. Cler. Other
209.388-018	Classified-Ad Clerk	120	-	-	20	10	100	30	-	-	-	-	-	-	20	14.0399	Filing, Off. Machine & Gen. Off. Cler. Other
209-388-022	Clerk-Typist	1,140	50	10	120	0	20	0	50	0	800	160	100	30	240	14.0901	Clerk-Typists
209-388-030	Mortgage Clerk	30	-	-	10	0	-	-	20	0	-	-	-	-	0	14.0399	Filing, Off. Machine & Gen. Off. Cler. Other

OCCUPATIONAL GROUP		Total State Projected Employment	Area I		Area II		Area III		Area IV		Area V		Area VI		Total State Projected 2 Year Need	INSTRUCTIONAL TRAINING PROGRAM	
D.O.T. Number	Job Title		Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need		H.E.W. Number	Program
209.488-010	Circulation Clerk	80	-	-	80	0	-	-	-	-	-	-	-	-	0	14.0399	Filing, Off. Machine & Gen. Off. Cler. Other
209.488-018	Invoice-Control Clerk	50	40	0	10	0	-	-	-	-	-	-	-	-	0	14.0399	Filing, Off. Machine & Gen. Off. Cler. Other
209.588-018	Clerk, General	13,120	20	10	60	0	10	10	840	30	470	60	11,720	4,190	360	14.0399	Filing, Off. Machine & Gen. Off. Cler. Other
209.588-046	Marker	80	-	-	-	-	-	-	-	-	-	-	80	10	40	04.08	General Merchandise
209.588-050	Price Clerk	30	-	-	-	-	-	-	-	-	10	0	20	0	0	14.0399	Filing, Off. Machine & Gen. Off. Cler. Other
209.688-034	Proofreader I	20	20	0	-	-	-	-	-	-	-	-	-	-	0	14.0399	Filing, Off. Machine & Gen. Off. Cler. Other
209.688-014	Checker II	10	-	-	-	-	10	0	-	-	-	-	-	-	0	14.0399	Filing, Off. Machine & Gen. Off. Cler. Other
	Subtotal	44,470	1,170	80	2,210	130	1,510	130	2,760	200	8,370	1,110	28,450	7,910	7,180		
Computing and Account Receiving																	
210.368-010	Account Information Clerk	120	-	-	20	0	-	-	-	-	100	10	-	-	0	14.0102	Bookkeepers
210.368-014	Insurance Clerk	30	10	0	-	-	-	-	20	0	-	-	-	-	0	14.0102	Bookkeepers
210.388-010	Account-Classification Clerk	90	20	0	-	-	-	-	-	-	10	0	60	10	20	14.0102	Bookkeepers
210.388-018	Billing-Control Clerk	30	10	0	-	-	10	10	10	0	-	-	-	-	0	14.0102	Bookkeepers
210.388-022	Bookkeeper I	13,930	1,160	10	1,830	80	810	40	1,800	130	2,950	290	5,380	370	1,250	14.0102	Bookkeepers
210.388-026	Bookkeeper II	20	-	-	-	-	-	-	-	-	-	-	20	0	0	14.0102	Bookkeepers
210.588-010	Insurance Clerk II	10	-	-	-	-	10	0	-	-	-	-	-	-	0	14.0102	Bookkeepers
211.368-010	Cashier I	750	70	20	40	10	170	10	110	20	160	50	200	30	100	14.0103	Cashiers
211.468-010	Cashier II	1,310	-	-	50	10	-	-	10	0	670	280	580	290	1,310	04.08	General Merchandise
211.468-026	Cashier-Wrapper	270	-	-	120	20	30	0	-	-	20	10	100	10	80	14.0103	Cashiers
211.468-034	Desk Clerk	160	10	0	-	-	40	0	30	0	70	10	10	0	20	04.11	Hotel and Lodging
211.468-062	Ticket Seller	80	-	-	-	-	10	0	10	0	50	10	10	0	0	04.18	Recreation and Tourism
211.488-010	Money Counter	20	-	-	-	-	-	-	-	-	-	-	20	0	0	14.0103	Cashiers
212.138-010	Teller, Head	10	10	0	-	-	-	-	-	-	-	-	-	-	0	14.0105	Tellers
212.368-010	Teller	2,330	90	10	170	10	120	30	270	20	1,440	340	240	40	460	14.0105	Tellers
213.138-010	Supervisor, Computer Operation	120	-	-	-	-	-	-	-	-	60	10	60	0	10	14.0201	Computer & Console Oper.
213.382-018	Digital-Computer Operator	2,480	10	0	20	10	10	0	10	0	1,100	140	1,330	140	270	14.0201	Computer & Console Oper.
213.582-010	Keypunch Operator	1,860	-	-	20	0	10	10	-	-	460	40	1,370	160	410	14.0202	Keypunch & Coding Equipment Operators
213.588-014	Verifier Operator	350	-	-	10	0	-	-	-	-	130	100	210	70	250	14.0202	Keypunch & Coding Equipment Operators
213.782-010	Tabulating-Machine Operator	10	-	-	-	-	-	-	-	-	10	0	-	-	0	14.0202	Keypunch & Coding Equipment Operators

OCCUPATIONAL GROUP		Total State Projected Employment	Area I		Area II		Area III		Area IV		Area V		Area VI		Total State Projected 2 Year Need	INSTRUCTIONAL TRAINING PROGRAM	
D.O.T. Number	Job Title		Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need		H.E.W. Number	Program
214.488-010	Billing-Machine Operator	90	-	-	-	-	-	-	-	-	10	0	80	0	30	14.0104	Machine Operators
215.388-010	Bookkeeping-Machine Operator	150	-	-	-	-	60	0	10	0	50	0	30	0	30	14.0104	Machine Operators
215.488-010	Payroll Clerk	240	-	-	10	0	-	-	-	-	90	0	140	0	30	14.0104	Machine Operators
216.388	Statistical Clerk	40	-	-	10	0	-	-	10	10	20	10	-	-	10	*	
216.388-070	Balance Clerk	30	-	-	-	-	30	0	-	-	-	-	-	-	10	14.0104	Machine Operators
216.488-022	Food Checker	10	-	-	-	-	-	-	10	0	-	-	-	-	10	04.07	Food Services
217.388-010	Proof-Machine Operator	20	-	-	20	0	-	-	-	-	-	-	-	-	0	14.0104	Machine Operators
219.138-026	Payroll-Clerk, Chief	40	-	-	10	0	10	0	-	-	10	0	10	0	0	14.0199	Accounting & Computing Occupations Other
219.368-010	Brokerage Clerk II	150	-	-	-	-	-	-	-	-	70	0	80	10	10	04.04	Finance and Credit
219.388-026	Billing Clerk II	110	-	-	-	-	20	0	-	-	20	0	70	10	10	14.0303	General Office Clerks
219.388-038	Budget Clerk	40	-	-	-	-	-	-	-	-	-	-	40	0	0	14.0303	General Office Clerks
219.388-066	Clerk, General Office	15,000	520	0	850	50	600	110	620	40	3,580	940	8,830	1,610	4,520	14.0303	General Office Clerks
219.388-126	Film-Rental Clerk	10	-	-	-	-	-	-	-	-	-	-	10	0	0	14.0303	General Office Clerks
219.388-146	Insurance Clerk I	30	-	-	10	0	-	-	20	0	-	-	-	-	0	14.0303	General Office Clerks
219.388-118	Estimator	20	-	-	-	-	-	-	-	-	-	-	20	0	0	17.1999	Graphic Arts, Other
219.388-178	Media Clerk	10	-	-	-	-	-	-	-	-	-	-	10	0	0	14.0303	General Office Clerks
219.388-182	Mortgage-Accounting Clerk	10	-	-	-	-	-	-	10	0	-	-	-	-	0	14.0303	General Office Clerks
219.388-210	Rate Clerk, Freight	50	-	-	-	-	-	-	50	10	-	-	-	-	10	14.0303	General Office Clerks
219.388-270	Tax Clerk I	20	20	0	-	-	-	-	-	-	-	-	-	-	0	14.0303	General Office Clerks
219.388-286	Ward Clerk	50	-	-	-	-	40	20	10	10	-	-	-	-	40	14.0303	General Office Clerks
219.488-010	Accounting Clerk	640	-	-	20	20	-	-	-	-	500	0	120	0	10	14.0303	General Office Clerks
219.488-026	Brokerage Clerk	90	-	-	-	-	-	-	-	-	-	-	90	0	0	14.0303	General Office Clerks
	Subtotal	40,830	1,930	40	3,210	210	1,980	230	3,010	240	11,580	2,240	19,120	2,750	8,900		
Shipping and Receiving Clerks																	
221.168-010	Material Coordinator	70	-	-	-	-	-	-	-	-	-	-	70	0	0	14.0501	Planning & Prod. Clerks
221.388-054	Production Clerk II	370	-	-	-	-	-	-	-	-	360	10	10	0	10	14.0501	Planning & Prod. Clerks
222.138-026	Shipping Clerk I	410	10	0	10	10	20	0	20	0	20	0	330	40	90	14.0503	Shipping & Receiving Clerks
222.368-014	Expeditor I	10	-	-	-	-	-	-	-	-	-	-	10	0	0	14.0503	Shipping & Receiving Clerks
222.387-018	Receiving Clerk	420	-	-	-	-	-	-	-	-	-	-	420	90	180	14.0503	Shipping & Receiving Clerks
222.387-026	Shipping & Receiving Clerk	550	80	30	120	20	-	-	30	0	30	0	290	60	140	14.0503	Shipping & Receiving Clerks
222.587-014	Distributing Clerk	70	-	-	10	0	-	-	10	0	50	0	-	-	0	14.0503	Shipping & Receiving Clerks
222.587-042	Shipping Clerk II	60	-	-	-	-	-	-	-	-	-	-	60	0	0	14.0503	Shipping & Receiving Clerks
222.588-026	Traffic Clerk I	10	-	-	-	-	-	-	-	-	-	-	10	0	0	14.0505	Traffic, Rate and Transportation Clerks
222.687-022	Receiving Checker	20	-	-	-	-	-	-	-	-	-	-	20	20	0	14.0503	Shipping & Receiving Clerks
222.687-030	Shipping Checker	30	-	-	-	-	-	-	-	-	-	-	30	10	0	14.0503	Shipping & Receiving Clerks
222.687-034	Sorter	10	-	-	-	-	-	-	-	-	-	-	10	0	0	14.0503	Shipping & Receiving Clerks

OCCUPATIONAL GROUP		Total State Projected Employment	Area I		Area II		Area III		Area IV		Area V		Area VI		Total State Projected 2 Year Need	INSTRUCTIONAL TRAINING PROGRAM	
D.O.T. Number	Job Title		Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need		H.E.W. Number	Program
223.138-026	Stock Supervisor	10	-	-	-	-	-	-	-	-	-	-	10	0	0	14.0504	Stock & Inventory Clerks
223.368	Procurement Clerk	10	-	-	-	-	-	-	-	-	-	-	10	0	0	*	
223.387	Stock Clerk	2,540	30	10	220	20	200	60	240	50	220	60	1,630	350	570	*	
223.388-014	Inventory Clerk	310	-	-	10	0	10	0	10	0	120	0	160	20	70	14.0504	Stock & Inventory Clerks
223.487-010	Checker, Bakery Products	20	10	0	10	0	-	-	-	-	-	-	-	-	0	04.06	Food Products
223.487-018	Mail-Order Filler	10	-	-	-	-	-	-	-	-	10	0	-	-	0	14.0504	Stock & Inventory Clerks
223.687-014	Checker I	10	-	-	-	-	-	-	-	-	-	-	10	0	0	14.0504	Stock & Inventory Clerks
223.887-010	Central-Supply Worker	350	80	0	40	10	40	10	-	-	-	-	190	60	80	07.0905	Central Supply Technicians
224.487-030	Weigher II	20	-	-	20	0	-	-	-	-	-	-	-	-	0	14.0599	Material Support Occu. Other
224.587	Grain Weigher	80	-	-	-	-	-	-	20	0	-	-	60	10	20	*	
224.587	Weighmaster	10	-	-	-	-	-	-	10	0	-	-	-	-	0	*	
229.138-038	Yard Supervisor	10	-	-	-	-	-	-	-	-	10	0	-	-	0	14.0599	Material Support Occu. Other
229.488-014	Estimator, Jewelry	10	-	-	-	-	-	-	-	-	10	0	-	-	0	14.0599	Material Support Occu. Other
	Subtotal	5,420	210	40	440	60	270	70	340	50	830	70	3,330	660	1,160		
Information and Message Distribution																	
230.878-022	Messenger	80	-	-	60	20	-	-	-	-	20	20	-	-	70	14.0405	Messengers, Office Boys and Girls
230.878-026	Office Helper	80	-	-	10	0	10	0	-	-	40	20	20	0	30	14.0405	Messengers, Office Boys and Girls
231.138-010	Mail Supervisor	10	-	-	-	-	-	-	-	-	10	0	-	-	0	14.0403	Mail and Postal Clerks
231.588-014	Mail Clerk	420	20	0	10	0	10	0	10	0	360	120	10	0	230	14.0403	Mail and Postal Clerks
231.688-010	Distribution Clerk	1,540	-	-	-	-	-	-	-	-	1,540	0	-	-	0	14.0403	Mail and Postal Clerks
232.138-010	Supervisor, Mails	210	-	-	-	-	-	-	-	-	210	0	-	-	0	14.0403	Mail and Postal Clerks
232.368-014	Post Office Clerk	580	40	0	50	0	20	0	50	0	420	0	-	-	0	14.0403	Mail and Postal Clerks
233.138-010	Supervisor, Carriers	100	-	-	-	-	-	-	-	-	100	0	-	-	0	14.0403	Mail and Postal Clerks
233.388-010	Mail Carrier	2,660	60	0	120	0	30	0	30	10	2,420	0	-	-	30	14.0403	Mail and Postal Clerks
233.388-014	Rural-Mail Carrier	150	70	0	-	-	-	-	10	0	70	0	-	-	10	14.0403	Mail and Postal Clerks
234.582-010	Addressing-Machine Operator	10	-	-	-	-	-	-	-	-	10	0	-	-	0	14.0404	Mail-Preparing & Mail-Handling Machine Operators
234.885-022	Sealing-and-Cancelling-Machine Operator	20	-	-	-	-	-	-	-	-	20	0	-	-	0	14.0404	Mail-Preparing & Mail-Handling Machine Operators
235.138-014	Telephone Operator, Chief	30	-	-	-	-	-	-	-	-	30	0	-	-	0	14.0401	Communication Systems Clerks & Operators
235.228-010	Private-Branch-Exchange-Service Advisor	130	-	-	-	-	-	-	-	-	-	-	130	30	30	14.0401	Communication Systems Clerks & Operators

OCCUPATIONAL GROUP		Total State Projected Employment	Area I		Area II		Area III		Area IV		Area V		Area VI		Total State Projected 2 Year Need	INSTRUCTIONAL TRAINING PROGRAM	
D.O.T. Number	Job Title		Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need		H.E.W. Number	Program
235.862-010	Central-Office Operator	180	-	-	-	-	-	-	-	-	180	30	-	-	60	14.0401	Communication Systems Clerks & Operators
235.862-026	Telephone Operator	4,220	10	0	50	10	10	0	-	-	30	10	4,120	3,260	20	14.0401	Communication Systems Clerks & Operators
235.862-030	Telephone-Answering-Service Operator	60	-	-	-	-	-	-	-	-	30	0	30	0	0	14.0401	Communication Systems Clerks & Operators
237.168-010	Travelor Counselor	230	-	-	-	-	-	-	-	-	-	-	230	40	100	04.18	Recreation and Tourism
237.368-018	Hospital-Admitting Clerk	10	-	-	10	0	-	-	-	-	-	-	-	-	0	14.0406	Reception & Information Clerks
237.368-022	Information Clerk	10	-	-	-	-	-	-	-	-	10	0	-	-	0	14.0406	Reception & Information Clerks
237.368-038	Receptionist	5,600	160	10	640	40	130	10	470	10	1,280	140	2,920	250	420	14.0406	Reception & Information Clerks
237.368-042	Registrar	50	20	0	30	0	-	-	-	-	-	-	-	-	0	14.0406	Reception & Information Clerks
239.368-018	Manager, Traffic	30	-	-	-	-	-	-	10	0	20	0	-	-	0	04.99	Distributive Ed., Other
239.388-010	Dispatcher, Maintenance Service	20	-	-	-	-	-	-	-	-	-	-	20	0	0	04.99	Distributive Ed., Other
239.587-010	Mailer	50	-	-	-	-	-	-	-	-	-	-	50	0	0	14.0499	Information, Communications, Occu. Other
239.588-026	Router	0	-	-	-	-	-	-	0	10	-	-	-	-	0	14.0499	Information, Communications, Occu. Other
	Subtotal	16,480	380	10	980	70	210	10	580	30	6,800	340	7,530	3,580	1,000		
Miscellaneous Clerical																	
240.368-010	Collector	10	-	-	-	-	-	-	-	-	10	0	-	-	0	04.08	General Merchandise
240.388-010	Collection Clerk	30	-	-	-	-	-	-	-	-	-	-	30	10	10	14.99	Office Occupations, Other
241.168-010	Claim Adjuster	500	-	-	-	-	20	0	60	10	30	0	390	20	60	04.13	Insurance
241.368-010	Adjustment Clerk	10	-	-	-	-	-	-	-	-	-	-	10	0	0	04.08	General Merchandise
242.368-010	Hotel Clerk	90	-	-	-	-	-	-	-	-	50	10	40	0	20	04.11	Hotel and Lodging
242.368-014	Travel Clerk	20	-	-	-	-	-	-	-	-	-	-	20	0	0	04.11	Hotel and Lodging
243.368-026	Service Clerk	70	10	0	-	-	-	-	10	0	10	0	40	0	0	14.99	Office Occupations, Other
249.138-010	Claims Deputy	30	-	-	10	0	-	-	-	-	20	0	-	-	10	14.99	Office Occupations, Other
249.138-026	Supervisor, Survey Workers	10	-	-	-	-	-	-	-	-	10	0	-	-	0	14.0499	Information, Communications, Occu. Other
249.268-010	Claim Examiner	480	-	-	-	-	-	-	-	-	-	-	480	110	150	04.13	Insurance
249.268-014	Survey Worker	290	10	0	-	-	-	-	-	-	280	0	-	-	0	14.0499	Information, Communications, Occu. Other

OCCUPATIONAL GROUP		Total State Projected Employment	Area I		Area II		Area III		Area IV		Area V		Area VI		Total State Projected 2 Year Need	INSTRUCTIONAL TRAINING PROGRAM	
D.O.T. Number	Job Title		Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need		H.E.W. Number	Program
249.288-018	Field-Map Editor	30	30	0	-	-	-	-	-	-	-	-	-	-	0	16.0106	Civil Technology
249.368-010	Claims Clerk	20	-	-	-	-	-	-	-	-	-	-	20	0	0	14.99	Office Occupations, Other
249.368-014	Clerk, Electoral	10	-	-	10	0	-	-	-	-	-	-	-	-	0	14.99	Office Occupations, Other
249.368-026	Court Clerk	40	-	-	40	40	-	-	-	-	-	-	-	-	0	14.99	Office Occupations, Other
249.368-034	Credit Reporter	20	-	-	-	-	-	-	-	-	20	0	-	-	0	14.99	Office Occupations, Other
249.368-062	New-Account Clerk	1,150	-	-	-	-	-	-	-	-	-	-	1,150	690	0	04.08	General Merchandise
249.368-070	Order Clerk	650	80	30	30	0	10	0	20	0	110	40	400	40	200	14.99	Office Occupations, Other
249.368-082	Reservation Clerk	30	-	-	-	-	-	-	-	-	20	0	10	10	0	14.0499	Information, Communications, Occu. Other
249.388-018	Credit Authorizer	10	-	-	-	-	-	-	-	-	-	-	10	0	0	14.99	Office Occupations, Other
249.388-022	Forms Analyst	50	40	10	-	-	-	-	-	-	10	0	-	-	10	14.99	Office Occupations, Other
249.388-034	Medical-Records Clerk	280	40	0	70	0	40	0	30	0	50	0	50	10	10	14.0499	Information, Communications, Occu. Other
249.388	Stock-Transfer Clerk	20	-	-	-	-	-	-	-	-	20	0	-	-	0	*	
249.887-014	Cutter, Press Clippings	60	-	-	-	-	-	-	60	0	-	-	-	-	0	14.99	Office Occupations, Other
	Subtotal	3,910	210	40	160	40	70	0	180	10	640	50	2,650	890	470		
Sales Workers, Services																	
250.258-014	Sales Worker, Insurance	3,010	190	20	250	20	180	20	200	20	690	180	1,500	110	390	04.13	Insurance
250.358-026	Sales Worker, Real Estate	4,020	100	30	120	0	50	10	300	0	1,450	240	2,000	190	420	04.17	Real Estate
251.258-010	Sales Worker, Securities	760	20	0	-	-	30	0	-	-	710	0	-	-	10	04.04	Finance and Credit
252.258-010	Sales Worker, Financial Service	30	10	0	-	-	-	-	-	-	-	-	20	0	0	04.04	Finance and Credit
252.358-014	Sales Worker, Business Services	890	10	0	20	0	0	10	60	0	560	250	240	0	30	04.12	Industrial Marketing
253.358-010	Sales Worker, Radio and Television Time	90	-	-	-	-	-	-	30	0	30	30	30	10	20	04.01	Advertising Services
254.258-010	Sales Representative	40	-	-	-	-	-	-	-	-	-	-	40	0	0	04.11	Hotel and Lodging
255.258-010	Traffic Agent	10	-	-	-	-	-	-	10	0	-	-	-	-	0	04.19	Transportation
256.358-010	Sales Worker, Food Vending Service	10	-	-	-	-	-	-	-	-	-	-	10	0	0	04.07	Food Services
257.358-010	Sales Worker, Public Utilities	30	-	-	-	-	10	0	-	-	-	-	20	0	10	04.99	Distributive Education, Other
258.258-014	Sales Worker, Signs and Displays	20	-	-	-	-	-	-	-	-	-	-	20	0	0	04.01	Advertising Services
258.358-010	Sales Worker, Advertising	560	20	10	50	10	10	0	20	10	230	20	230	10	70	04.01	Advertising Services

OCCUPATIONAL GROUP		Total State Projected Employment	Area I		Area II		Area III		Area IV		Area V		Area VI		Total State Projected 2 Year Need	INSTRUCTIONAL TRAINING PROGRAM	
D.O.T. Number	Job Title		Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need		H.E.W. Number	Program
258.358-014	Sales Worker, Printing	160	-	-	50	0	-	-	-	-	-	-	110	0	30	04.12	Industrial Marketing
258.358-018	Sales Worker, Signs	30	-	-	-	-	-	-	-	-	-	-	30	0	0	04.01	Advertising Services
259.358-014	Sales Worker, Soft Water Service	50	20	0	-	-	-	-	-	-	-	-	30	0	20	04.99	Distributive Education, Other
	Subtotal	9,710	370	60	490	30	280	40	620	30	3,670	720	4,280	320	1,000		
Sales Workers and Salespersons, Commodoties																	
260.458-010	Salesperson, Flowers	410	10	0	90	0	60	20	20	0	100	70	130	40	60	04.05	Floristry
261.158-010	Commission Man, Agricultural Products	10	-	-	10	0	-	-	-	-	-	-	-	-	10	04.06	Food Distribution
261.258-010	Sales Worker, Livestock	300	70	0	10	0	-	-	-	-	-	-	220	0	0	04.06	Food Distribution
262.358-010	Sales Worker, Food Products	1,920	10	0	50	10	40	20	170	30	370	10	1,280	120	230	04.06	Food Distribution
262.358-014	Sales Worker, Grain-and-Feed Products	990	30	0	140	20	300	60	140	20	330	10	50	0	90	01.0202	Feeds
263.358-010	Sales Worker, Canvas Products	10	-	-	-	-	-	-	10	0	-	-	-	-	0	04.12	Industrial Marketing
263.358-018	Sales Worker, Footwear	70	-	-	70	0	-	-	-	-	-	-	-	-	20	04.02	Apparel & Accessories
263.358-026	Sales Worker, Uniforms	80	-	-	-	-	-	-	-	-	-	-	80	10	10	04.02	Apparel & Accessories
263.358-030	Sales Worker, Women's and Girls' Apparel	20	-	-	-	-	-	-	-	-	-	-	20	0	20	04.02	Apparel & Accessories
263.358-042	Salesperson, Furs	20	-	-	-	-	-	-	-	-	-	-	20	0	0	04.02	Apparel & Accessories
263.358-046	Salesperson, Men's Furnishings	80	-	-	-	-	30	0	20	0	30	0	-	-	10	04.02	Apparel & Accessories
263.358-050	Salesperson, Shoes	660	60	10	30	0	40	0	140	30	210	20	180	30	110	04.02	Apparel & Accessories
263.458-010	Salesperson, Infants' and Children's Wear	120	-	-	-	-	30	0	-	-	-	-	90	60	40	04.02	Apparel & Accessories
263.458-014	Salesperson, Men's and Boys' Clothing	350	60	0	40	10	70	0	100	0	80	0	-	-	30	04.02	Apparel & Accessories
263.458-022	Salesperson, Women's Garments	5,280	150	0	900	100	190	30	390	30	1,480	570	2,170	460	2,030	04.02	Apparel & Accessories
263.458-026	Salesperson, Yard Goods	350	10	0	50	0	20	0	30	0	150	20	90	0	40	04.08	General Merchandise
265.358-014	Sales Worker, Paper and Paper Products	510	-	-	10	0	10	0	-	-	100	40	390	50	60	04.12	Industrial Marketing
266.258-010	Sales Worker, Chemicals and Drugs	140	-	-	-	-	50	0	-	-	30	0	60	20	30	04.12	Industrial Marketing
266.358-014	Salesperson, Cosmetics and Toiletries	20	-	-	-	-	-	-	10	0	10	20	-	-	0	04.08	General Merchandise
266.358	Sales Worker, Toilet Preparation	20	-	-	-	-	-	-	-	-	20	0	-	-	0	*	

OCCUPATIONAL GROUP		Total State Projected Employment	Area I		Area II		Area III		Area IV		Area V		Area VI		Total State Projected 2 Year Need	INSTRUCTIONAL TRAINING PROGRAM	
D.O.T. Number	Job Title		Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need		H.E.W. Number	Program
267.358-010	Sales Worker, Fuel	190	-	-	80	0	-	-	-	-	30	0	80	0	0	04.31	Wholesale Trade, Other
268.358-010	Sales Worker, Plastic Products	10	-	-	-	-	-	-	-	-	-	-	10	0	0	04.12	Industrial Marketing
273.258-010	Sales Worker, Foundry and Machine Shop Products	20	-	-	-	-	-	-	-	-	20	0	-	-	0	04.12	Industrial Marketing
273.358-010	Sales Worker, Metals	50	-	-	-	-	20	0	10	10	20	0	-	-	0	04.12	Industrial Marketing
274.358-014	Sales Worker, Custom Drapery	30	-	-	-	-	-	-	-	-	-	-	30	20	10	04.10	Home Furnishings
274.358-018	Sales Worker, Floor Coverings	600	-	-	-	-	-	-	110	20	180	0	310	90	490	04.10	Home Furnishings
274.358-022	Sales Worker, Home Furnishings	200	-	-	-	-	-	-	20	10	70	10	110	30	50	04.10	Home Furnishings
274.358-026	Salesperson, China and Glassware	10	-	-	-	-	-	-	-	-	-	-	10	0	0	04.08	General Merchandise
274.358-030	Salesperson, Curtain and Draperies	180	-	-	-	-	-	-	40	0	30	0	110	30	10	04.10	Home Furnishings
274.358-034	Salesperson, Furniture	1,030	50	0	290	0	20	10	80	0	180	30	410	100	30	04.10	Home Furnishings
276.158-010	Sales Worker, Machines	580	-	-	110	0	-	-	20	0	30	0	420	30	80	04.12	Industrial Marketing
276.358-010	Sales Worker, Building and Construction Eqp. & Sup.	1,400	20	0	240	20	10	10	190	0	430	40	510	30	420	04.09	Hdwe., Bldg. Materials, Farm & Garden Supplies & Eqp.
276.358-030	Sales Worker, Oil-Field Supplies & Equipment	20	20	0	-	-	-	-	-	-	-	-	-	-	0	04.16	Petroleum
276.358-054	Sales Worker, Welding Equipment	50	-	-	-	-	-	-	-	-	50	0	-	-	0	04.12	Industrial Marketing
276.358-058	Salesperson, General Hardware	2,200	350	30	230	40	180	30	390	40	660	30	390	30	50	04.09	Hdwe., Bldg. Materials, Farm & Garden Supplies & Eqp.
277.251-010	Service Sales Worker, Milking Machines	70	-	-	-	-	-	-	70	0	-	-	-	-	0	01.0301	Agricultural Power and Machinery
277.358-010	Sales Worker, Cattle-and-Poultry Food Supplements	50	-	-	-	-	-	-	-	-	-	-	50	60	100	04.09	Hdwe., Bldg. Materials, Farm & Garden Supplies & Eqp.
277.358-018	Sales Worker, Farm & Garden Equip. & Supplies	1,530	100	30	220	0	200	30	560	160	350	20	100	10	320	04.09	Hdwe., Bldg. Materials, Farm & Garden Supplies & Eqp.
277.358-026	Sales Worker, Tractor and Farm Implements	660	20	10	20	10	70	0	180	40	250	0	120	10	50	04.09	Hdwe., Bldg. Materials, Farm & Garden Supplies & Eqp.
277.358-030	Salesperson, Lawn and Garden Equip. & Supplies	20	-	-	-	-	-	-	-	-	-	-	20	10	20	04.09	Hdwe., Bldg. Materials, Farm & Garden Supplies & Eqp.

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OCCUPATIONAL GROUP		Total State Projected Employ-ment	Area I		Area II		Area III		Area IV		Area V		Area VI		Total State Projected 2 Year Need	INSTRUCTIONAL TRAINING PROGRAM	
D.O.T. Number	Job Title		Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need		H.E.W. Number	Program
278.258-010	Home-Service Representative	20	-	-	-	-	-	-	-	-	-	-	20	0	0	09.0204	Home Furnishings, Eqp. and Services
278.258-014	Sales Worker, Communication Equipment	10	-	-	-	-	-	-	-	-	10	0	-	-	0	04.12	Industrial Marketing
278.258-018	Salesperson, Hi-Fi	70	-	-	-	-	-	-	-	-	20	20	50	20	20	04.10	Home Furnishings
278.358-010	Sales Worker, Gas-or-Electric Appliances	120	10	0	10	10	10	0	30	10	40	0	20	0	0	04.10	Home Furnishings
278.358-014	Sales Worker, Household Equipment	380	-	-	70	0	20	0	110	0	40	10	140	50	60	04.10	Home Furnishings
278.358-018	Sales Worker, Radio and Television Products	10	-	-	10	0	-	-	-	-	-	-	-	-	0	04.10	Home Furnishings
278.358-022	Sales Worker, Sewing Machines	10	-	-	-	-	-	-	-	-	10	0	-	-	0	04.10	Home Furnishings
278.358-030	Salesperson, Television and Appliances	110	-	-	20	0	-	-	20	0	30	10	40	0	0	04.10	Home Furnishings
280.258-010	Sales Worker, Aircraft	120	-	-	-	-	-	-	-	-	-	-	120	0	0	04.19	Transportation
280.358-014	Sales Worker, Automobile	2,970	310	50	570	90	310	30	290	20	680	70	810	140	450	04.03	Automotive
280.358-018	Sales Worker, Automobile Parts	870	10	0	50	0	30	0	40	10	280	30	460	70	20	04.03	Automotive
280.358-026	Sales Worker, House Trailers	220	10	10	20	0	10	0	-	-	130	20	50	20	0	04.03	Automotive
280.358-030	Sales Worker, Marine Supplies	80	-	-	40	0	-	-	-	-	-	-	40	0	0	04.19	Transportation
280.358-034	Sales Worker, Motor Vehicles and Supplies	720	20	10	-	-	-	-	-	-	660	90	40	0	100	04.03	Automotive
280.458-010	Salesperson, Automobile Accessories	430	-	-	90	0	80	10	20	10	-	-	240	30	0	04.03	Automotive
281.358-026	Sales Worker, Office Machines	510	30	0	60	10	-	-	-	-	190	30	230	10	90	04.12	Industrial Marketing
281.358	Sales Worker, Barber and Beauty Supplies	20	-	-	-	-	-	-	-	-	-	-	20	0	0	*	
281.358-038	Sales Worker, Vending and Coin Machines	120	-	-	-	-	20	0	80	10	-	-	20	0	0	04.07	Food Services
282.258-010	Sales Worker, Dental and Medical Eqp. and Supplies	50	-	-	-	-	-	-	-	-	50	20	-	-	10	04.12	Industrial Marketing
282.258-014	Sales Worker, Medical Equipment and Supplies	120	-	-	-	-	-	-	30	0	-	-	90	0	0	04.12	Industrial Marketing
282.358	Salesperson, Hearing Aids	80	-	-	-	-	-	-	10	0	40	10	30	10	30	*	
282.358-010	Sales Worker, Veterinarian Sup.	140	20	0	10	0	-	-	-	-	10	0	100	10	30	01.0299	Ag. Supplies/Services Other

OCCUPATIONAL GROUP		Total State Projected Employment	Area I		Area II		Area III		Area IV		Area V		Area VI		Total State Projected 2 Year Need	INSTRUCTIONAL TRAINING PROGRAM	
D.O.T. Number	Job Title		Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need		H.E.W. Number	Program
283.358-010	Sales Worker, Jewelry and Optical Goods	30	-	-	-	-	-	-	-	-	-	-	30	0	150	04.02	Apparel & Accessories
283.358-014	Salesperson, Jewelry	640	10	0	120	10	30	0	70	10	80	10	330	60	10	04.02	Apparel & Accessories
285.358-010	Salesperson, Photographic Supplies & Equipment	80	-	-	20	10	-	-	50	0	10	10	-	-	20	04.18	Recreation and Tourism
286.358-010	Sales Worker, Amusement and Sporting Goods	50	-	-	-	-	-	-	-	-	20	10	30	0	0	04.18	Recreation and Tourism
286.358-014	Sales Worker, Hobbies-and Crafts	50	-	-	10	10	-	-	10	10	20	10	10	10	0	04.18	Recreation and Tourism
286.358-018	Salesperson, Sporting Goods	320	-	-	80	0	60	0	70	0	60	30	50	20	60	04.18	Recreation and Tourism
287.358-010	Sales Worker, Musical Instrument & Accessories	150	30	10	10	10	-	-	70	0	40	10	-	-	50	04.18	Recreation and Tourism
289.158-014	Sales Worker, Containers	140	90	50	-	-	-	-	-	-	-	-	50	0	20	04.12	Industrial Marketing
289.358	Counter Worker, Farm Eqp. Parts	240	-	-	50	20	-	-	100	30	80	20	10	0	30	*	
289.358-014	Sales Worker, General	170	-	-	-	-	-	-	10	0	130	30	30	10	60	04.12	Industrial Marketing
289.358-018	Sales Worker, General Merchandise	410	40	0	-	-	-	-	10	0	110	20	250	20	70	04.31	Wholesale Trade, Other
289.358-022	Sales Worker, House-to-House	6,520	-	-	20	10	-	-	-	-	-	-	6,500	2,850	0	04.20	Retail Trade, Other
289.358-030	Sales Worker, Novelties	90	-	-	-	-	-	-	-	-	20	0	70	0	20	04.18	Recreation and Tourism
289.358-042	Salesperson, Books	860	60	10	30	10	-	-	-	-	560	70	210	0	60	04.18	Recreation and Tourism
289.358-046	Salesperson, Parts	1,600	260	40	240	20	110	20	370	20	360	60	260	30	260	04.03	Automotive
289.458-014	Salesperson, General	17,670	200	10	880	70	310	10	920	100	2,360	250	13,000	1,320	3,240	04.08	General Merchandise
	Subtotal	56,460	2,060	270	5,000	490	2,330	280	5,010	620	11,250	1,730	30,810	5,920	9,280		
Merchandising, except Sales Workers																	
290.468-014	Manager, Branch Store	150	-	-	10	0	-	-	30	0	80	0	30	0	0	04.15	Personal Services
290.478-014	Sales Clerk	50	50	0	-	-	-	-	-	-	-	-	-	-	20	04.08	General Merchandise
290.877-010	Salesperson, Food	2,000	150	0	230	0	190	0	590	170	310	70	530	120	320	04.06	Food Distribution
291.158-010	Buyer I	50	-	-	-	-	10	0	-	-	40	0	-	-	0	04.06	Food Distribution
292.138-010	Route Supervisor	140	-	-	-	-	-	-	10	0	40	0	90	0	0	04.06	Food Distribution
292.358-010	Sales Worker-Driver	1,210	90	10	120	0	-	-	170	40	280	100	550	70	150	04.06	Food Distribution
292.887-010	Sales Worker-Driver Helper	30	-	-	30	10	-	-	-	-	-	-	-	-	20	04.06	Food Distribution
293.358	Goodwill Ambassador	30	-	-	10	0	-	-	10	0	10	0	-	-	0	*	
293.358-026	Solicitor	50	-	-	-	-	-	-	-	-	-	-	50	0	0	04.20	Retail Trade, Other
294.258-010	Auctioneer	150	-	-	30	0	-	-	100	0	20	0	-	-	0	04.08	General Merchandise
297.458	Instructor, Painting	80	-	-	-	-	-	-	-	-	80	10	-	-	10	*	
298.081-010	Display Man	80	-	-	60	0	-	-	20	0	-	-	-	-	0	04.01	Advertising Services

OCCUPATIONAL GROUP		Total State Projected Employment	Area I		Area II		Area III		Area IV		Area V		Area VI		Total State Projected 2 Year Need	INSTRUCTIONAL TRAINING PROGRAM	
D.O.T. Number	Job Title		Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need		H.E.W. Number	Program
299.138-014	Department Head, Supermarket	450	20	0	60	10	-	-	110	0	70	0	190	30	10	04.06	Food Distribution
299.138-022	Manager, Department	1,500	-	-	50	0	10	0	40	0	190	0	1,210	110	200	04.08	General Merchandise
299.381-010	Carpet Cutter	570	40	0	60	0	-	-	100	0	160	20	210	200	430	17.1099	Const. & Maintenance Trades, Other
299.468-010	Cashier-Checker	4,410	210	20	560	80	400	40	790	200	740	180	1,710	510	1,430	04.06	Food Distribution
299.478-010	Contact-Lens Technician	10	-	-	-	-	-	-	-	-	-	-	10	0	0	07.0601	Ophthalmic Dispensing
299.478	Delivery Worker	940	100	10	50	0	30	10	30	30	60	40	670	420	900	*	
299.587-010	Bakery Clerk	260	-	-	-	-	-	-	30	0	30	0	200	0	10	04.06	Food Distribution
299.687	Clothing Inspector	130	-	-	130	400	-	-	-	-	-	-	-	-	800	*	
299.884	Drapery Hanger	60	-	-	10	0	-	-	40	0	-	-	10	0	10	*	
299.884-014	Optician, Dispensing	50	-	-	40	10	-	-	-	-	10	0	-	-	20	07.0601	Ophthalmic Dispensing
	Subtotal	12,400	660	40	1,450	510	640	50	2,070	440	2,120	420	5,460	1,460	4,330		
	TOTAL–CLERICAL AND SALES OCCUPATIONS	189,680	6,990	580	13,940	1,540	7,290	810	14,570	1,620	45,260	6,680	101,630	23,490	33,320		

*No Vocational Instructional Training Program Listed.

TABLE 4
SERVICE OCCUPATIONS

OCCUPATIONAL GROUP		Total State Projected Employment	Area I		Area II		Area III		Area IV		Area V		Area VI		Total State Projected 2 Year Need	INSTRUCTIONAL TRAINING PROGRAM	
D.O.T. Number	Job Title		Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need		H.E.W. Number	Program
Domestic																	
302.887-014	Launderer	10	10	0	-	-	-	-	-	-	-	-	-	-	0	09.0202	Clothing Mgt., Production and Services
303.138-010	Housekeeper, Home I	100	10	0	10	0	-	-	20	0	30	0	30	0	0	09.0205	Inst. & Home Mgt. & Supporting Services
303.878	Farm Housekeeper	10	-	-	-	-	-	-	-	-	10	0	-	-	0	*	
305.281-010	Cook	10	-	-	-	-	-	-	-	-	-	-	10	0	0	09.0203	Food Mgt. Production and Services
306.878-010	Homemaker	450	70	0	20	0	30	0	90	10	130	20	110	10	0	09.0205	Inst. & Home Mgt. & Supporting Services
307.878-010	Nursemaid	30	-	-	-	-	-	-	10	0	20	30	-	-	20	09.0201	Care & Guidance of Children
309.878-026	Foster Parent	10	-	-	-	-	-	-	-	-	10	10	-	-	10	09.0201	Care & Guidance of Children
	Subtotal	620	90	0	30	0	30	0	120	10	200	60	150	10	30		

OCCUPATIONAL GROUP		Total State Projected Employment	Area I		Area II		Area III		Area IV		Area V		Area VI		Total State Projected 2 Year Need	INSTRUCTIONAL TRAINING PROGRAM	
D.O.T. Number	Job Title		Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need		H.E.W. Number	Program
Food & Beverage Preparation and Service																	
310.138-010	Kitchen Supervisor	10	10	0	-	-	-	-	-	-	-	-	-	-	0	09.0203	Food Mgt. Production and Services
310.868-010	Hostess, Restaurant or Coffee Shop	350	20	0	40	0	-	-	10	0	140	70	140	30	210	04.07	Food Services
311.878-010	Waiter's Assistant	1,320	120	30	50	30	10	0	40	40	550	260	550	140	610	17.2904	Waiter/Waitress
311.878-014	Car Hop	270	-	-	90	0	-	-	50	30	40	0	90	0	30	17.2904	Waiter/Waitress
311.878-022	Counter Work, Cafeteria	60	-	-	-	-	60	0	-	-	-	-	-	-	0	17.2904	Waiter/Waitress
311.878-026	Counter Worker, Lunch Room or Coffee Shop	50	-	-	-	-	-	-	-	-	50	20	-	-	10	17.2904	Waiter/Waitress
311.878-054	Waiter, Formal	670	140	30	-	-	-	-	-	-	260	80	270	20	200	17.2904	Waiter/Waitress
311.878-058	Waiter, Informal	15,330	1,740	680	3,070	540	1,050	320	1,840	490	4,170	1,750	3,460	1,430	6,260	17.2904	Waiter/Waitress
312.878	Bartender	4,550	580	40	320	0	390	20	630	60	980	270	1,650	890	2,300	*	
313.131-010	Chef	120	-	-	-	-	-	-	-	-	80	10	40	0	0	17.2902	Cook/Chef
313.138-010	Baker, Head	10	-	-	-	-	-	-	-	-	-	-	10	0	0	17.2901	Baker
313.138-014	Cook, Head, School Cafeteria	250	20	0	20	0	50	0	40	0	40	0	80	40	20	09.0203	Food Mgt. Production and Services
313.168-010	Executive Chef	10	-	-	-	-	-	-	-	-	-	-	10	0	0	17.2902	Cook/Chef
313.381-010	Baker, Pizza	110	60	10	-	-	-	-	-	-	10	0	40	0	0	17.2901	Baker
313.381-018	Cook	7,700	680	70	1,380	100	750	20	1,320	130	1,950	190	1,620	320	960	17.2902	Cook/Chef
313.381-042	Cook, Specialty, Foreign Food	30	-	-	-	-	-	-	-	-	-	-	30	0	0	17.2902	Cook/Chef
313.781-010	Baker	250	-	-	70	0	10	0	20	10	60	20	90	0	0	17.2901	Baker
313.781-018	Ice-Cream Man	10	-	-	-	-	-	-	10	0	-	-	-	-	0	17.2902	Cook/Chef
313.884-010	Baker Helper	200	-	-	-	-	-	-	-	-	200	200	-	-	500	17.2901	Baker
314.381-010	Cook, Short-Order	2,480	140	40	490	10	220	40	260	40	560	170	810	60	500	17.2902	Cook/Chef
314.781-010	Cook, Specialty	270	-	-	-	-	30	0	-	-	200	200	40	0	460	17.2902	Cook/Chef
315.381-010	Cook	2,140	20	0	590	50	210	20	170	0	20	0	1,130	300	320	17.2902	Cook/Chef
316.884-018	Meat Cutter	1,010	100	0	230	20	100	10	180	30	160	20	240	40	150	17.2903	Meat Cutters
316.884-022	Meat Cutter Apprentice	330	-	-	-	-	-	-	30	0	-	-	300	150	300	17.2903	Meat Cutters
317.884-018	Pantry Worker	310	-	-	10	0	10	0	-	-	260	260	30	10	670	17.2902	Cook/Chef
317.887-010	Cook Helper	1,530	260	40	450	50	20	0	30	10	140	80	630	110	320	17.2902	Cook/Chef
318.887	Kitchen Helper	2,670	310	50	320	80	60	0	430	130	1,040	470	510	210	1,400	*	
319.138-010	Food Service Supervisor	190	90	20	40	10	60	0	-	-	-	-	-	-	60	09.0203	Food Mgt. Production and Services
319.874-010	Caterer Helper	100	-	-	-	-	-	-	-	-	100	0	-	-	0	09.0203	Food Mgt. Production and Services
319.878-010	Fountain Worker	500	40	0	-	-	40	0	30	0	350	100	40	0	130	17.2904	Waiter/Waitress
	Subtotal	42,830	4,330	1,010	7,170	890	3,070	430	5,090	970	11,360	4,170	11,810	3,750	15,410		

OCCUPATIONAL GROUP		Total State Projected Employment	Area I		Area II		Area III		Area IV		Area V		Area VI		Total State Projected 2 Year Need	INSTRUCTIONAL TRAINING PROGRAM	
D.O.T. Number	Job Title		Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need		H.E.W. Number	Program
Lodging and Related Services																	
320.137-010	Manager, Lodging Facilities	400	30	0	160	0	10	0	80	0	110	0	10	0	0	04.11	Hotel and Lodging
321.138-010	Housekeeper	900	100	20	380	20	70	10	160	0	190	0	-	-	40	09.0205	Inst. & Home Mgt. & Supporting Services
323.887	Houseman	50	-	-	10	0	-	-	-	-	20	0	20	0	0	*	
323.887-014	Lodging Quarters Cleaners	1,580	200	50	190	60	40	20	240	60	460	90	450	150	180	09.0205	Inst. & Home Mgt. & Supporting
323.887-018	Cleaners, Hospital	690	50	20	-	-	-	-	120	40	-	-	520	50	200	09.0205	Inst. & Home Mgt. & Supporting
324.878-018	Doorman	20	-	-	-	-	-	-	-	-	-	-	20	0	150	04.11	Hotel and Lodging
324.878-022	Room-Service Clerk II	40	-	-	-	-	-	-	-	-	-	-	40	0	0	04.11	Hotel and Lodging
329.138-010	Superintendent, Service	10	-	-	-	-	-	-	-	-	-	-	10	0	0	04.11	Hotel and Lodging
	Subtotal	3,690	380	90	740	80	120	30	600	100	780	90	1,070	200	570		
Barbering, Cosmetology & Related Services																	
330.371-010	Barber	560	50	0	20	0	50	0	70	10	190	20	180	20	40	17.2601	Barbering
331.878-010	Manicurist	50	-	-	-	-	-	-	-	-	-	-	50	0	0	17.2602	Cosmetology
332.271-010	Cosmetologist	2,850	210	80	300	30	250	60	460	40	800	130	830	20	360	17.2602	Cosmetology
332.271-014	Cosmetologist, Apprentice	10	-	-	-	-	-	-	-	-	-	-	10	0	0	17.2602	Cosmetology
338.381-010	Embalmer	120	-	-	10	0	10	0	30	0	60	0	10	30	70	07.0909	Mortuary Science
339.871-010	Electrologist	10	-	-	-	-	-	-	-	-	-	-	10	10	0	17.2699	Personal Services, Other
339.878	Supply Clerk	30	-	-	-	-	-	-	-	-	-	-	30	0	0	*	
	Subtotal	3,630	260	80	330	30	310	60	560	50	1,050	150	1,120	80	470		
Amusement & Recreation Services																	
340.368-010	Desk Clerk, Bowling Floor	180	-	-	40	0	40	0	60	0	-	-	40	0	20	04.18	Recreation and Tourism
341.368-010	Recreation-Facility Attendant	130	20	20	40	10	20	20	-	-	-	-	50	10	20	04.18	Recreation and Tourism
341.878	Caddie	20	-	-	-	-	20	0	-	-	-	-	-	-	20	*	
342.858	Concession Attendant	250	-	-	-	-	20	20	220	200	-	-	10	0	200	*	
342.863	Ride Operator	80	-	-	-	-	-	-	80	0	-	-	-	-	0	*	
344.878	Usher	50	-	-	-	-	30	10	-	-	20	10	-	-	30	*	
	Subtotal	710	20	20	80	10	130	50	360	200	20	10	100	10	290		
Miscellaneous, Personal Services																	
353.168	Guide, Travel	20	20	0	-	-	-	-	-	-	-	-	-	-	0	*	
354.878-010	Home Attendant	10	-	-	-	-	-	-	-	-	-	-	10	0	0	07.0307	Home Health Aid

OCCUPATIONAL GROUP		Total State Projected Employment	Area I		Area II		Area III		Area IV		Area V		Area VI		Total State Projected 2 Year Need	INSTRUCTIONAL TRAINING PROGRAM	
D.O.T. Number	Job Title		Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need		H.E.W. Number	Program
354.878-022	Nurse, Practical	70	-	-	-	-	50	0	20	10	-	-	-	-	0	07.0302	Practical (Vocational) Nursing
355.878-010	Ambulance Attendant	80	-	-	-	-	-	-	20	0	-	-	60	0	0	07.0907	Medical Emergency Tech.
355.878-014	Attendant, Physical Therapy	190	10	0	10	0	-	-	-	-	10	0	160	50	50	07.0402	Physical Therapy
355.878-018	Child-Care Attendant, School	90	-	-	90	20	-	-	-	-	-	-	-	-	40	09.0201	Care & Guidance of Children
355.878-022	Cottage Parent	290	-	-	-	-	-	-	290	0	-	-	-	-	0	07.0303	Nursing Assistants
355.878-026	Emergency-Entrance Attendant	10	-	-	10	0	-	-	-	-	-	-	-	-	0	07.0907	Medical Emergency Tech.
355.878-034	Nurse Aid	10,530	1,010	140	1,770	260	1,270	220	1,670	510	1,610	270	3,200	820	2,810	07.0303	Nursing Assistants
355.878-038	Orderly	20	-	-	-	-	-	-	20	10	-	-	-	-	0	07.0303	Nursing Assistants
355.887	Morgue Worker	20	-	-	-	-	-	-	-	-	-	-	20	0	0	*	
356.874-010	Animal Caretaker	40	-	-	-	-	-	-	-	-	-	-	40	0	0	01.99	Agriculture, Other
356.874-038	Kennel Worker	160	10	0	10	0	-	-	20	10	90	20	30	0	20	01.99	Agriculture, Other
356.874-046	Veterinary-Hospital Attendant	360	50	0	-	-	150	10	70	0	30	0	60	60	0	01.0299	Ag. Supplies and Services Other
358.878	Locker-Room Attendant	50	-	-	-	-	-	-	10	0	40	10	-	-	10	*	
359.868	Escort	60	-	-	-	-	-	-	-	-	-	-	60	0	0	*	
359.873	Chauffeur (Domestic)	20	-	-	-	-	-	-	-	-	20	0	-	-	0	*	
359.878-026	Child-Care Assistant	200	-	-	70	20	-	-	-	-	-	-	130	0	0	09.0201	Care & Guidance of Children
359.878	Funeral Attendant	100	20	0	-	-	30	0	20	0	10	0	20	0	0	*	
359.883	Chauffeur, Funeral Car	10	-	-	-	-	-	-	-	-	-	-	10	0	0	*	
	Subtotal	12,330	1,120	140	1,960	300	1,500	230	2,140	540	1,810	300	3,800	930	2,930		
Apparel and Furnishings Services																	
361.138-010	Laundry Supervisor	60	-	-	30	0	10	0	-	-	-	-	20	0	0	17.1602	Laundering
361.885-022	Launderer I	1,110	150	30	170	10	180	10	340	0	130	0	140	0	50	17.1602	Laundering
361.886-010	Washer Helper, Machine	50	-	-	10	0	-	-	40	0	-	-	-	-	0	17.1602	Laundering
361.887-010	Laundry Laborer	50	-	-	50	10	-	-	-	-	-	-	-	-	20	17.1602	Laundering
362.381-010	Spotter	20	-	-	20	0	-	-	-	-	-	-	-	-	0	17.1601	Drycleaning
362.782	Drycleaner	180	-	-	20	10	-	-	130	20	10	0	20	0	0	*	
362.782-014	Drycleaner Apprentice	90	-	-	10	0	-	-	50	20	20	0	10	0	10	17.1601	Drycleaning
362.884-010	Drycleaner, Hand	20	-	-	-	-	-	-	-	-	20	0	-	-	0	17.1601	Drycleaning
362.884-030	Spotter	40	-	-	-	-	-	-	-	-	40	0	-	-	0	17.1601	Drycleaning
362.886-010	Drycleaner Helper	60	-	-	-	-	50	0	-	-	-	-	10	0	0	17.1601	Drycleaning
363.781-010	Silk Finisher	10	-	-	10	0	-	-	-	-	-	-	-	-	0	17.1601	Drycleaning
363.782-018	Presser, Machine	190	-	-	-	-	-	-	90	0	90	10	10	0	0	17.16	Fabric Maintenance Service
363.884-022	Presser, Hand	60	10	0	-	-	-	-	-	-	20	0	30	0	0	17.16	Fabric Maintenance Service
365.381-014	Shoe Repairer	70	-	-	-	-	-	-	-	-	50	0	20	0	30	17.3402	Shoe Repair
365.884-010	Shoe Repairer Helper	30	-	-	20	0	-	-	-	-	-	-	10	0	10	17.3402	Shoe Repair

OCCUPATIONAL GROUP		Total State Projected Employment	Area I		Area II		Area III		Area IV		Area V		Area VI		Total State Projected 2 Year Need	INSTRUCTIONAL TRAINING PROGRAM	
D.O.T. Number	Job Title		Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need		H.E.W. Number	Program
366.878	Bootblack	20	10	0	-	-	-	-	10	0	-	-	-	-	0	*	
369.138-010	Dry-Cleaning Superintendent	40	-	-	-	-	20	0	20	0	-	-	-	-	0	04.15	Personal Services
369.478-014	Service-Establishment Attendant	190	-	-	-	-	100	30	30	0	40	0	20	10	20	04.15	Personal Services
369.877-010	Launderette Attendant	60	-	-	-	-	10	0	-	-	30	0	20	0	120	17.16	Fabric Maintenance Service
369.884-010	Fur Glazer	10	-	-	-	-	-	-	-	-	-	-	10	0	0	17.1699	Fabric Maintenance Services, Other
369.884-022	Laundry Operator	360	-	-	-	-	-	-	-	-	-	-	360	120	0	17.1602	Laundering
369.884-026	Rug Cleaner, Hand	30	10	0	-	-	-	-	-	-	20	20	-	-	0	17.1601	Drycleaning
	Subtotal	2,750	180	30	340	30	370	40	710	40	470	30	680	130	260		
Protective Services																	
372.868	Correction Officer	10	-	-	-	-	-	-	10	0	-	-	-	-	0	*	
372.868	Guards	4,520	20	0	-	-	70	0	50	0	10	0	4,370	2,130	4,150	*	
372.868	Jailor	20	-	-	-	-	20	0	-	-	-	-	-	-	0	*	
375.118-010	Police Chief	10	-	-	10	0	-	-	-	-	-	-	-	-	0	17.2802	Law Enforcement Training
375.168-030	Detective Chief	30	-	-	-	-	-	-	-	-	-	-	30	0	10	17.2802	Law Enforcement Training
375.268-030	Patrolman	320	40	0	50	0	20	0	120	0	80	20	10	0	20	17.2802	Law Enforcement Training
376.868-014	Detective I	60	-	-	50	10	-	-	-	-	-	-	10	0	0	17.2802	Law Enforcement Training
377.868-014	Sheriff, Deputy	290	-	-	130	10	150	50	-	-	10	0	-	-	100	17.2802	Law Enforcement Training
379.268	Drivers' License Examiner	10	-	-	-	-	-	-	-	-	10	0	-	-	0	*	
379.868	Lifeguard	180	-	-	30	0	10	40	-	-	140	40	-	-	40	*	
	Subtotal	5,450	60	0	270	20	270	90	180	0	250	60	4,420	2,130	4,320		
Building and Related Services																	
381.137-014	Porter, Head	30	-	-	10	0	-	-	-	-	10	0	10	0	0	17.11	Custodial Services
381.887-014	Building Interiors Cleaner	30	-	-	-	-	-	-	-	-	-	-	30	180	0	17.11	Custodial Services
381.887-026	Porter I	80	-	-	-	-	-	-	-	-	30	0	50	10	380	17.11	Custodial Services
381.887-030	Porter II	50	-	-	-	-	-	-	40	20	-	-	10	0	0	17.11	Custodial Services
382.884-010	Janitor I	10,020	650	50	1,350	150	800	110	1,190	50	2,940	520	3,090	570	1,790	17.11	Custodial Services
389.138-010	Exterminator Supervisor	20	-	-	-	-	-	-	-	-	20	0	-	-	0	01.0201	Agricultural Chemicals
389.884	Exterminator	10	-	-	10	10	-	-	-	-	-	-	-	-	10	*	
389.887-018	Floor Waxer	30	-	-	-	-	-	-	-	-	-	-	30	0	0	17.11	Custodial Services
389.887-022	Sexton	10	-	-	-	-	-	-	-	-	10	0	-	-	0	17.11	Custodial Services
389.887	Window Cleaner	30	-	-	-	-	-	-	-	-	-	-	30	10	10	*	
	Subtotal	10,310	650	50	1,370	160	800	110	1,230	70	3,010	520	3,250	770	2,190		
TOTAL–SERVICE OCCUPATIONS		82,320	7,090	1,420	12,290	1,520	6,600	1,040	10,990	1,980	18,950	5,390	26,400	8,010	26,470		

*No Vocational Instructional Training Program Listed.

TABLE 5
FARMING, FISHING, FORESTRY AND RELATED OCCUPATIONS

OCCUPATIONAL GROUP		Total State Projected Employment	Area I		Area II		Area III		Area IV		Area V		Area VI		Total State Projected 2 Year Need	INSTRUCTIONAL TRAINING PROGRAM	
D.O.T. Number	Job Title		Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need		H.E.W. Number	Program
Plant Farming																	
401.181-010	Farmer, Cash Grain	70	20	0	10	0	30	0	10	0	-	-	-	-	0	01.0102	Plant Science
401.884-010	Farmhand, Grain	20	0	10	20	0	-	-	-	-	-	-	-	-	100	01.0102	Plant Science
403.181-010	Vegetable Grower	700	560	40	140	0	-	-	-	-	-	-	-	-	40	01.0102	Plant Science
403.883-010	Farmhand, Vegetable	950	930	2,030	20	0	-	-	-	-	-	-	-	-	40	01.0102	Plant Science
404.884-014	Tree Pruner	30	-	-	10	0	-	-	-	-	-	-	20	0	0	01.0299	Ag. Supplies and Services, Other
406.168-010	Nurseryman	120	-	-	-	-	-	-	10	0	10	0	100	20	40	01.0505	Nursery Operation and Management
406.181-010	Flower Grower	210	-	-	-	-	10	10	-	-	140	40	60	0	40	01.0502	Floriculture
406.181-018	Seed Grower	20	-	-	20	0	-	-	-	-	-	-	-	-	0	01.0102	Plant Science
406.884-010	Laborer, Nursery	330	-	-	-	-	-	-	-	-	150	0	180	230	400	01.0505	Nursery Operation and Management
406.887-010	Bagger-and-Burlap Man	20	-	-	-	-	-	-	-	-	10	50	10	10	20	01.0505	Nursery Operation and Management
406.887-030	Nursery Worker	260	-	-	-	-	-	-	0	50	90	360	170	20	350	01.0505	Nursery Operation and Management
407.137-010	Greenskeeper I	210	70	60	10	0	20	0	20	0	90	100	0	120	300	01.0506	Turf Management
407.138-010	Superintendent, Greens	10	-	-	-	-	10	0	-	-	-	-	-	-	0	01.0506	Turf Management
407.138-014	Tree-Trimming Supervisor	20	-	-	-	-	-	-	20	0	-	-	-	-	0	01.0501	Arboriculture
407.181-010	Landscape Gardener	110	10	0	20	100	-	-	-	-	30	30	50	40	270	01.0504	Landscaping
407.868-010	Park Caretaker	10	-	-	-	-	-	-	10	0	-	-	-	-	0	01.0602	Recreation
407.883	Laborer, Golf Course	80	-	-	40	0	40	40	-	-	-	-	-	-	70	*	
407.884-010	Groundskeeper	1,020	80	40	60	0	20	10	180	0	390	150	290	50	100	01.0504	Landscaping
407.887	Cemetary Worker	150	10	0	10	0	10	0	30	10	80	0	10	0	20	*	
407.887	Laborer, Landscape	40	-	-	-	-	-	-	-	-	-	-	40	0	0	*	
407.887-022	Park Worker	90	-	-	80	0	-	-	0	20	10	0	-	-	0	01.0602	Recreation
409.168-010	Manager, Farm	130	20	10	20	0	-	-	50	0	40	0	-	-	0	01.0104	Farm Business Management
409.181-010	Tenant Farmer	360	30	0	110	10	80	0	120	10	20	0	-	-	0	01.0104	Farm Business Management
409.181-014	Tree Surgeon	30	-	-	-	-	-	-	10	0	20	0	-	-	0	01.0501	Arboriculture
409.883-010	Farm-Equipment Operator	510	90	120	50	60	20	40	170	70	170	40	10	60	540	01.0301	Agricultural Power & Machinery
409.884	Sharecropper	30	30	0	-	-	-	-	0	10	-	-	-	-	0	*	
409.884-014	Tree-Surgeon Helper	10	-	-	-	-	-	-	10	20	0	30	-	-	60	01.0501	Arboriculture
409.887	Airplane-Pilot Helper	20	-	-	-	-	-	-	20	0	-	-	-	-	0	*	
	Subtotal	5,560	1,850	2,310	620	170	240	100	660	190	1,250	800	940	550	2,390		
Animal Farming																	
411.181-010	Farmer, Dairy	180	20	0	40	0	40	0	50	0	30	0	-	-	0	01.0101	Animal Science
411.884-010	Farmhand, Dairy	120	30	0	20	20	20	0	30	20	20	0	-	-	10	01.0101	Animal Science

OCCUPATIONAL GROUP		Total State Projected Employment	Area I		Area II		Area III		Area IV		Area V		Area VI		Total State Projected 2 Year Need	INSTRUCTIONAL TRAINING PROGRAM	
D.O.T. Number	Job Title		Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need		H.E.W. Number	Program
412.168-010	Manager, Hatchery	20	-	-	20	0	-	-	-	-	-	-	-	-	10	01.0401	Food Products
412.181-018	Poultryman, Egg	70	-	-	10	0	-	-	30	0	-	-	30	0	0	01.0101	Animal Science
412.181-022	Poultryman, Meat	30	-	-	-	-	20	0	10	0	-	-	-	-	0	01.0101	Animal Science
412.387-010	Poultry Technician	10	-	-	10	0	-	-	-	-	-	-	-	-	0	01.0299	Ag. Supplies and Services, Other
412.687-010	Chick Grader	10	-	-	10	0	-	-	-	-	-	-	-	-	0	01.0299	Ag. Supplies and Services, Other
412.884-014	Farmhand, Poultry	220	-	-	-	-	220	400	0	60	-	-	-	-	510	01.0101	Animal Science
412.886	Egg-Washing-Machine Operator	50	-	-	-	-	-	-	-	-	-	-	50	10	0	*	
412.887-014	Laborer, Hatchery	30	-	-	-	-	-	-	30	0	-	-	-	-	0	01.0101	Animal Science
412.887-018	Poultry Debeaker	30	-	-	30	0	-	-	-	-	-	-	-	-	0	01.0299	Ag. Supplies and Services, Other
413.131-010	Stock-Ranch Supervisor	40	10	0	30	10	-	-	-	-	-	-	-	-	10	01.0101	Animal Science
413.181-010	Cattle Rancher	2,570	1,100	20	570	40	670	0	190	0	20	0	20	0	120	01.0101	Animal Science
413.181-018	Herdsman, Swine	40	10	0	-	-	-	-	10	0	20	0	-	-	0	01.0101	Animal Science
413.884-018	Farmhand, Livestock	1,340	70	20	90	50	420	170	600	80	120	50	40	0	190	01.0101	Animal Science.
413.884-030	Ranch Hand	2,370	1,780	480	350	180	200	0	10	0	30	0	-	-	670	01.0101	Animal Science
419.181-014	Beekeeper	130	-	-	20	0	-	-	90	40	10	10	10	0	30	01.0101	Animal Science
	Subtotal	7,260	3,020	520	1,200	300	1,590	570	1,050	200	250	60	150	10	1,550		
Miscellaneous Farming and Related																	
421.181-010	Farmer, General	12,440	1,600	90	2,350	40	2,300	40	3,450	80	2,270	20	470	0	210	01.01	Agricultural Products
421.883-010	Farmhand, General	5,810	1,090	430	930	170	810	190	1,400	510	1,490	620	90	60	1,760	01.01	Agricultural Products
422.137-010	Irrigation Head	40	-	-	-	-	40	0	-	-	-	-	-	-	0	01.0304	Water Management
422.887-014	Irrigator	130	30	110	-	-	10	10	0	10	90	40	-	-	20	01.0304	Water Management
422.887-018	Irrigator, Sprinkler System	20	-	-	-	-	20	20	-	-	-	-	-	-	20	01.0304	Water Management
423.999	Farm Couple	0	-	-	0	20	-	-	-	-	-	-	-	-	0	*	
424.886-010	Chopper Operator, Stationary	30	-	-	20	10	-	-	-	-	-	-	10	10	0	01.0301	Agriculture Power & Machinery
429.885-010	Laborer, Seed Corn	10	-	-	-	-	-	-	10	0	-	-	-	-	0	01.0102	Plant Science
429.887-014	Grubber	10	-	-	-	-	-	-	-	-	10	0	-	-	10	01.99	Agriculture, Other
	Subtotal	18,490	2,720	630	3,300	240	3,180	260	4,860	600	3,860	680	570	70	2,020		
Fishery and Related																	
436.884-022	Hatcheryman	20	-	-	-	-	-	-	-	-	-	-	20	0	0	01.0607	Fish (including Farms and Hatcheries)
	Subtotal	20	-	-	-	-	-	-	-	-	-	-	20	0	0		

OCCUPATIONAL GROUP		Total State Projected Employment	Area I		Area II		Area III		Area IV		Area V		Area VI		Total State Projected 2 Year Need	INSTRUCTIONAL TRAINING PROGRAM	
D.O.T. Number	Job Title		Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need		H.E.W. Number	Program
Agriculture Service																	
465.137-014	Spray Supervisor	0	0	10	-	-	-	-	-	-	-	-	-	-	0	01.0201	Agriculture Chemicals
465.781-010	Weed Inspector	110	-	-	10	0	-	-	60	0	40	40	-	-	80	01.0201	Agriculture Chemicals
466.887-010	Livestock Caretaker, Yard-or-in-Transit	1,890	210	0	450	80	720	200	360	50	40	0	110	0	380	01.0401	Food Products
469.884	Sheep Shearer	30	30	0	-	-	-	-	-	-	-	-	-	-	0	*	
	Subtotal	2,030	240	10	460	80	720	200	420	50	80	40	110	0	460		
	Self-Employed Farmers	52,470[a]	2,669[a]	83[b]	4,794[a]	110[b]	12,498[a]	215[b]	15,822[a]	273[b]	13,977[a]	225[b]	2,710[a]	45[b]	1,902[b]		
TOTAL–FARMING, FISHERY, FORESTRY, AND RELATED OCCUPATIONS		85,830	10,499	3,553	10,374	900	18,228	1,345	22,812	1,313	19,417	1,805	4,500	675	8,322		

*No Vocational Instructional Training Program Listed.

[a]Nebraska Department of Agriculture, *1973 Nebraska Agriculture Statistics*, loc. cit.

[b]Genereaux, Douglas, loc. cit

TABLE 6
PROCESSING OCCUPATIONS

OCCUPATIONAL GROUP		Total State Projected Employment	Area I		Area II		Area III		Area IV		Area V		Area VI		Total State Projected 2 Year Need	INSTRUCTIONAL TRAINING PROGRAM	
D.O.T. Number	Job Title		Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need		H.E.W. Number	Program
Processing of Metals																	
500.380-010	Plater	30	-	-	-	-	-	-	-	-	-	-	30	0	0	17.2399	Metalworking, Other
501.885-014	Plater, Hot-Dip	80	-	-	-	-	-	-	-	-	-	-	80	0	0	17.2399	Metalworking, Other
503.885	Metal-Cleaner, Immersion	120	-	-	-	-	-	-	-	-	-	-	120	0	0	*	
503.887	Sandblast-or-Shotblast-Equipment Operator	30	-	-	-	-	-	-	-	-	-	-	30	0	0	*	
504.782-026	Heat Treater I	30	-	-	-	-	-	-	-	-	-	-	30	0	0	17.24	Metallurgy
505.782-018	Metal-Spraying-Machine Operator, Automatic	200	-	-	-	-	-	-	-	-	200	20	-	-	20	17.2399	Metalworking, Other
509.886	Laborer, Scrap Breaker	10	-	-	-	-	10	0	-	-	-	-	-	-	0	*	
	Subtotal	500	-	-	-	-	10	0	-	-	200	20	290	0	20		

OCCUPATIONAL GROUP		Total State Projected Employ-ment	Area I		Area II		Area III		Area IV		Area V		Area VI		Total State Projected 2 Year Need	INSTRUCTIONAL TRAINING PROGRAM	
D.O.T. Number	Job Title		Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need		H.E.W. Number	Program
Ore Refining and Foundry Occupations																	
519.887-022	Foundry Worker, General	700	-	-	-	-	-	-	700	150	-	-	-	-	0	17.2301	Foundry
	Subtotal	700	-	-	-	-	-	-	700	150	-	-	-	-	0		
Processing of Food, Tobacco, & Related Products																	
520.782-034	Dough Mixer	10	-	-	-	-	-	-	-	-	-	-	10	0	0	17.2901	Baker
520.885-122	Feed Mixer	590	20	40	70	0	80	20	40	20	340	40	40	0	80	01.0202	Feeds
520.885	Pellet-Mill Operator	10	-	-	-	-	10	0	-	-	-	-	-	-	0	*	
520.885	Sausage Maker	10	-	-	-	-	10	0	-	-	-	-	-	-	0	*	
520.885	Stuffer	100	-	-	-	-	-	-	-	-	-	-	100	10	10	*	
520.886-026	Feed-Mixer Helper	190	-	-	-	-	40	0	-	-	40	20	110	20	20	01.0202	Feeds
521.130	Miller Supervisor	20	-	-	-	-	-	-	-	-	-	-	20	0	0	*	
521.885-122	Egg-Breaking-Machine Operator	630	-	-	-	-	630	750	-	-	-	-	-	-	750	01.0401	Food Products
521.885-134	Feed Grinder	50	-	-	10	0	-	-	30	10	-	-	10	0	0	01.0401	Food Products
521.885	Meat Grinder	100	-	-	-	-	-	-	-	-	-	-	100	0	0	*	
521.885	Monitor-and-Storage-Bin Tender	20	-	-	-	-	-	-	-	-	20	20	-	-	0	*	
521.885-302	Processor, Grain	860	60	60	200	40	100	20	90	0	170	20	240	0	170	01.0202	Feeds
521.886-026	Custom-Feed-Mill-Operator Helper	280	10	10	-	-	-	-	260	60	-	-	10	0	10	01.0202	Feeds
521.887	Sausage-Meat Trimmer	20	-	-	-	-	-	-	-	-	-	-	20	0	0	*	
522.782-010	Cottage-Cheese Maker	40	-	-	-	-	-	-	-	-	40	0	-	-	0	01.0401	Food Products
522.782-042	Smoker	10	-	-	-	-	-	-	-	-	-	-	10	0	0	01.0401	Food Products
522.884-014	Pickler	40	-	-	-	-	-	-	40	0	-	-	-	-	0	01.0401	Food Products
523.885-070	Dehydrator Man	150	-	-	-	-	70	70	10	0	-	-	70	0	170	01.0401	Food Products
523.885	Drier Attendant	130	-	-	20	0	-	-	70	20	-	-	40	0	40	*	
523.885	Render Worker	90	-	-	90	160	-	-	-	-	-	-	-	-	320	*	
524.381-010	Cake Decorator	20	-	-	-	-	-	-	-	-	-	-	20	0	0	17.2901	Baker
524.782	Dipper, Machine	20	-	-	-	-	20	0	-	-	-	-	-	-	0	*	
524.884-022	Icer, Hand	10	-	-	-	-	-	-	10	10	-	-	-	-	0	17.2901	Baker
525.381-010	Butcher, All-Around	2,730	970	360	30	0	120	0	490	430	120	10	1,000	280	1,480	01.0401	Food Products
525.884	Boner, Meat	20	-	-	10	0	-	-	10	0	-	-	-	-	0	*	
525.884	Sticker, Animal	30	10	0	20	0	-	-	-	-	-	-	-	-	0	*	
525.887	Cooler Worker	80	60	0	-	-	-	-	-	-	20	0	-	-	0	*	
525.887	Poultry Dresser	300	-	-	-	-	-	-	-	-	-	-	300	0	0	*	
525.887	Trimmer, Meat	10	10	0	-	-	-	-	-	-	-	-	-	-	0	*	
526.134	Cook, Mexican Food	10	10	0	-	-	-	-	-	-	-	-	-	-	0	*	
526.781-010	Baker	10	-	-	-	-	-	-	10	20	-	-	-	-	10	17.2901	Baker
526.782-030	Cook, Kettle	330	-	-	-	-	330	330	-	-	-	-	-	-	330	17.2999	Quantity Food Occu., Other
526.884	Donut Maker	20	-	-	-	-	-	-	-	-	-	-	20	10	10	*	
526.885-038	Oven Man	150	-	-	-	-	-	-	-	-	150	150	-	-	370	17.2901	Baker

OCCUPATIONAL GROUP		Total State Projected Employment	Area I		Area II		Area III		Area IV		Area V		Area VI		Total State Projected 2 Year Need	INSTRUCTIONAL TRAINING PROGRAM	
D.O.T. Number	Job Title		Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need		H.E.W. Number	Program
526.886-010	Baker Helper	20	-	-	-	-	-	-	10	10	-	-	10	0	0	17.2901	Baker
529.138-026	Superintendent, Grain Elevator	940	100	0	150	0	120	0	190	0	310	20	70	0	30	01.0202	Feeds
529.138-030	Supervisor, Specialty Food Products	60	40	0	-	-	10	0	-	-	10	0	-	-	0	01.0401	Food Products
529.381	Candy Maker	20	-	-	-	-	-	-	20	0	-	-	-	-	0	*	
529.381-018	Cheese Maker	80	-	-	-	-	-	-	-	-	-	-	80	0	0	01.0401	Food Products
529.387-030	Grader	10	-	-	-	-	-	-	-	-	10	0	-	-	0	01.0401	Food Products
529.687-018	Egg Candler	330	-	-	-	-	330	350	-	-	-	-	-	-	350	01.0401	Food Products
529.687-054	Sorter, Agricultural Products	180	-	-	150	0	-	-	30	0	-	-	-	-	0	01.0401	Food Products
529.782-022	Cheese Maker, Helper	140	-	-	-	-	-	-	20	0	110	0	10	0	0	01.0401	Food Products
529.782-030	Dairy-Processing-Equipment Operator	140	-	-	-	-	50	10	-	-	50	0	40	0	10	01.0401	Food Products
529.885	Freezer-Man Helper	50	-	-	-	-	-	-	-	-	-	-	50	30	0	*	
529.886-018	Dairy Helper	60	-	-	-	-	-	-	-	-	60	0	-	-	0	01.0401	Food Products
529.887	Cook Helper	510	-	-	-	-	-	-	-	-	510	20	-	-	40	*	
	Subtotal	9,630	1,290	470	750	200	1,920	1,550	1,330	580	1,960	300	2,380	350	4,200		
Processing of Paper & Related Materials																	
539.885	Baler	270	-	-	-	-	-	-	20	10	-	-	250	0	10	*	
	Subtotal	270	-	-	-	-	-	-	20	10	-	-	250	0	10		
Processing of Petroleum, Coal, Natural and Manufactured Gas, and Related Products																	
540.782	Blender	150	-	-	-	-	-	-	-	-	-	-	150	80	80	*	
	Subtotal	150	-	-	-	-	-	-	-	-	-	-	150	80	80		
Processing of Chemicals, Plastics, Synthetics, Rubber, Paint, and Related Products																	
550.782	Mixer	40	-	-	-	-	-	-	-	-	40	0	-	-	20	*	
550.885	Compounder	30	-	-	-	-	-	-	30	10	-	-	-	-	10	*	
554.782	Coater	900	-	-	-	-	-	-	-	-	900	0	-	-	0	*	
556.885-102	Vacuum-Plastic-Forming-Machine Operator	150	-	-	-	-	-	-	-	-	-	-	150	0	10	17.27	Plastics Occupations
558.885	Chemical Operator II	320	-	-	-	-	-	-	-	-	-	-	320	0	0	*	
559.782	Chemical Operator III	580	-	-	-	-	-	-	-	-	100	0	480	0	0	*	
559.885	Presser (Rubber Goods)	170	-	-	-	-	-	-	170	40	-	-	-	-	80	*	
559.887	Laborer, Chemical Processing	190	-	-	-	-	-	-	-	-	-	-	190	0	10	*	
	Subtotal	2,380	-	-	-	-	-	-	200	50	1,040	0	1,140	0	130		

OCCUPATIONAL GROUP		Total State Projected Employment	Area I		Area II		Area III		Area IV		Area V		Area VI		Total State Projected 2 Year Need	INSTRUCTIONAL TRAINING PROGRAM	
D.O.T. Number	Job Title		Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need		H.E.W. Number	Program
Processing of Stone, Clay, Glass, and Related Products																	
570.885	Concrete-Mixer Operator	130	-	-	30	0	-	-	30	20	10	0	60	0	0	*	
573.782	Kiln Burner	40	-	-	-	-	-	-	-	-	40	20	-	-	40	*	
574.782	Austschuder-Machine Operator	20	-	-	-	-	-	-	20	0	-	-	-	-	0	*	
575.782	Brick-and-Tile-Making-Machine Operator	180	-	-	-	-	-	-	-	-	180	120	-	-	250	*	
579.131	Supervisor, Concrete-Block Plant	130	-	-	-	-	-	-	30	0	50	10	50	0	0	*	
579.137	Supervisor, Cement	20	-	-	10	0	-	-	10	0	-	-	-	-	0	*	
579.886	Laborer, Concrete Plant	1,190	-	-	-	-	-	-	150	90	1,000	500	40	30	1,160	*	
579.887	Laborer, General (Brick and Tile)	870	-	-	-	-	-	-	-	-	870	420	-	-	710	*	
	Subtotal	2,580	-	-	40	0	-	-	240	110	2,150	1,070	150	30	2,160		
Processing of Leather, Textiles, and Related Products																	
582.782	Pickler	310	-	-	-	-	-	-	-	-	-	-	310	10	0	*	
589.885	Folding-Machine Operator	40	-	-	-	-	-	-	40	20	-	-	-	-	40	*	
	Subtotal	350	-	-	-	-	-	-	40	20	-	-	310	10	40		
Processing, Other																	
599.885	Mill Operator	190	-	-	-	-	100	100	-	-	-	-	90	0	100	*	
599.885	Sterilizer	20	-	-	20	0	-	-	-	-	-	-	-	-	0	*	
	Subtotal	210	-	-	20	0	100	100	-	-	-	-	90	0	100		
TOTAL–PROCESSING OCCUPATIONS		16,770	1,290	470	810	200	2,030	1,650	2,530	920	5,350	1,390	4,760	470	6,740		

*No Vocational Instructional Training Program Listed

TABLE 7
MACHINE TRADES OCCUPATIONS

OCCUPATIONAL GROUP		Total State Projected Employment	Area I		Area II		Area III		Area IV		Area V		Area VI		Total State Projected 2 Year Need	INSTRUCTIONAL TRAINING PROGRAM	
D.O.T. Number	Job Title		Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need		H.E.W. Number	Program
Metal Machining																	
600.131-010	Machine Shop Supervisor, Tool	90	10	0	30	0	30	0	-	-	-	-	20	0	0	17.2302	Machine Shop
600.280-030	Machinist I	3,070	40	10	270	40	-	-	-	-	1,590	680	1,170	640	2,670	17.2302	Machine Shop
600.280-054	Maintenance-Machinist	1,150	-	-	-	-	40	50	-	-	-	-	1,110	540	50	17.2302	Machine Shop
600.280-066	Patternmaker, Metal	120	-	-	-	-	-	-	-	-	-	-	120	0	0	17.2302	Machine Shop
600.281-018	Machine Builder	120	-	-	-	-	-	-	-	-	-	-	120	0	10	17.2302	Machine Shop
600.380-026	Machine Set-Up Operator	800	-	-	-	-	-	-	800	100	-	-	-	-	0	17.2302	Machine Shop
600.381-010	Lay-Out Man	70	-	-	-	-	-	-	-	-	-	-	70	0	10	17.2302	Machine Shop
601.130-010	Tool-and-Die Supervisor	40	-	-	-	-	-	-	-	-	10	0	30	0	0	17.2307	Tool-and-Die Making
601.280-014	Die Maker, Die-Casting and Plastic Molding	30	-	-	-	-	-	-	-	-	-	-	30	0	0	17.2307	Tool-and-Die Making
601.280-030	Die Sinker	320	-	-	-	-	-	-	-	-	-	-	320	170	350	17.2307	Tool-and-Die Making
601.280-058	Tool Maker	60	-	-	-	-	-	-	-	-	-	-	60	0	0	17.2307	Tool-and-Die Making
601.280-062	Tool-and-Die Maker	1,080	-	-	-	-	-	-	30	0	470	110	580	110	180	17.2307	Tool-and-Die Making
601.280-066	Tool-and-Die Maker Apprentice	30	-	-	-	-	-	-	-	-	-	-	30	0	0	17.2307	Tool-and-Die Making
601.280-070	Tool-Machine Set-Up Operator	10	-	-	-	-	-	-	-	-	-	-	10	0	0	17.2307	Tool-and-Die Making
601.281-038	Inspector, Tool	20	-	-	-	-	-	-	-	-	-	-	20	0	0	17.2307	Tool-and-Die Making
601.281-046	Tool Maker, Bench	10	-	-	-	-	-	-	-	-	-	-	10	0	0	17.2307	Tool-and-Die Making
601.381-030	Plastic Tool Maker	170	-	-	-	-	-	-	-	-	170	50	-	-	100	17.2307	Tool-and-Die Making
603.782-018	Buffing-Machine Operator	40	-	-	-	-	-	-	-	-	-	-	40	0	0	17.2303	Machine Tool Operation
603.782	Polishing-Machine Operator	170	-	-	-	-	-	-	-	-	-	-	170	0	0	*	
604.280-010	Engine-Lathe Set-Up Operator, Tool	60	-	-	-	-	-	-	-	-	-	-	60	10	0	17.2303	Machine Tool Operation
605.782-034	Pantograph-Machine Set-Up Operator	50	-	-	-	-	-	-	-	-	-	-	50	0	0	17.2303	Machine Tool Operation
605.885-034	Milling-Machine Operator, Production	30	-	-	-	-	-	-	-	-	-	-	30	0	0	17.2303	Machine Tool Operation
606.782-018	Drill-Press Operator, Production	60	-	-	-	-	-	-	-	-	-	-	60	0	0	17.2303	Machine Tool Operation
609.884	Laborer, General (Machine Shop)	400	-	-	-	-	-	-	-	-	400	10	-	-	10	*	
609.885-022	Production-Machine Operator	2,100	-	-	-	-	-	-	-	-	2,100	300	-	-	300	17.2302	Machine Shop
609.885-026	Transfer-Machine Operator	180	-	-	180	80	-	-	-	-	-	-	-	-	160	17.2302	Machine Shop
	Subtotal	10,280	50	10	480	120	70	50	830	100	4,740	1,150	4,110	1,470	3,840		

OCCUPATIONAL GROUP		Total State Projected Employment	Area I		Area II		Area III		Area IV		Area V		Area VI		Total State Projected 2 Year Need	INSTRUCTIONAL TRAINING PROGRAM	
D.O.T. Number	Job Title		Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need		H.E.W. Number	Program
Metalworking, Other																	
610.381-010	Blacksmith	80	-	-	50	0	10	0	10	0	-	-	10	0	0	17.2399	Metalworking, Other
610.782-010	Drop-Hammer Operator	10	-	-	10	0	-	-	-	-	-	-	-	-	0	17.2399	Metalworking, Other
610.884-010	Blacksmith Helper	20	-	-	-	-	20	0	-	-	-	-	-	-	0	17.2399	Metalworking, Other
612.131-010	Forge-Shop Supervisor	10	-	-	10	0	-	-	-	-	-	-	-	-	0	17.2399	Metalworking, Other
615.782-038	Punch-Press Operator III	500	-	-	-	-	-	-	-	-	500	50	-	-	50	17.2303	Machine Tool Operation
615.782-050	Shear Operator I	70	-	-	-	-	-	-	-	-	-	-	70	0	0	17.2303	Machine Tool Operation
616.380-018	Machine Operator I	1,040	-	-	-	-	-	-	110	40	-	-	930	50	60	17.2304	Metal Trades, Combined
616.380-026	Set-Up Man I	30	-	-	-	-	-	-	-	-	-	-	30	0	0	17.2304	Metal Trades, Combined
616.380-030	Set-Up Man, Sheet Metal	240	-	-	-	-	10	0	-	-	200	50	30	0	0	17.2305	Sheet Metal
617.380-010	Brake Operator I	120	-	-	-	-	-	-	-	-	-	-	120	10	10	17.2304	Metal Trades, Combined
619.380-022	Metal Fabricator I	1,810	-	-	-	-	-	-	-	-	450	0	1,360	310	300	17.2304	Metal Trades, Combined
619.380-038	Punch-Press Set-Up Worker	30	-	-	-	-	-	-	-	-	-	-	30	0	0	17.2303	Machine Tool Operation
619.885-070	Machine Operator II	30	-	-	-	-	30	0	-	-	-	-	-	-	0	17.2304	Metal Trades, Combined
	Subtotal	3,990	-	-	70	0	70	0	120	40	1,150	100	2,580	370	420		
Mechanics and Machinery Repairers																	
620.131	Garage Supervisor	20	20	0	-	-	-	-	-	-	-	-	-	-	0	*	
620.281-014	Automobile Mechanic	3,810	60	20	240	40	410	70	340	80	1,050	150	1,710	300	990	17.0302	Mechanics
620.281-034	Brakeman, Automobile	30	-	-	-	-	-	-	-	-	-	-	30	0	0	17.0303	Specialization, Other
620.281-038	Bus Inspector	20	-	-	-	-	-	-	-	-	20	0	-	-	0	17.03	Automotive Services
620.281-046	Construction-Equipment Mechanic	210	-	-	-	-	-	-	-	-	-	-	210	20	0	17.1003	Operation, Heavy Equip.
620.281-058	Engineering-Equipment Mechanic	130	-	-	50	30	10	40	20	0	-	-	50	0	0	17.1003	Operation, Heavy Equip.
620.281-062	Front-End Repairer	90	-	-	40	10	-	-	10	0	40	30	-	-	70	17.0303	Specialization, Other
620.281-070	Mechanic, Industrial Truck	1,550	80	40	-	-	-	-	210	40	150	30	1,110	130	340	17.1003	Operation, Heavy Equip.
620.281-074	Mechanical-Maintenance Worker	20	-	-	-	-	-	-	20	10	-	-	-	-	0	17.1003	Operation, Heavy Equip.
620.281-086	Motorcycle Repairer	70	-	-	-	-	-	-	40	0	30	20	-	-	40	17.31	Small Engine Repair, Internal Combustion
620.281-094	Tractor Mechanic	160	-	-	-	-	30	10	10	0	120	40	-	-	40	01.0301	Agriculture Power and Machinery
620.381-010	Automobile-Radiator Repairer	100	30	0	20	10	-	-	20	0	-	-	30	0	0	17.0303	Specialization, Other
620.381-014	Automobile-Service Mechanic I	3,940	450	70	710	80	350	30	510	90	1,070	290	850	180	650	17.0302	Mechanics
620.884-010	Automobile-Mechanic Helper	810	10	0	80	0	-	-	10	0	70	50	640	70	520	17.0302	Mechanics

OCCUPATIONAL GROUP		Total State Projected Employment	Area I		Area II		Area III		Area IV		Area V		Area VI		Total State Projected 2 Year Need	INSTRUCTIONAL TRAINING PROGRAM	
D.O.T. Number	Job Title		Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need		H.E.W. Number	Program
620.884-022	Construction-Equipment-Mechanic Helper	100	-	-	60	20	-	-	-	-	-	-	40	0	40	17.1003	Operation, Heavy Equip.
620.884-050	Tractor-Mechanic Helper	100	-	-	-	-	-	-	-	-	100	40	-	-	40	01.0301	Agriculture Power and Machinery
620.884	Wrecker	80	-	-	-	-	-	-	70	0	-	-	10	0	0	*	
621.281-010	Aircraft-and-Engine Mechanic	320	-	-	-	-	-	-	0	10	0	10	320	20	20	17.0401	Aircraft Maintenance
621.281-038	Flight Engineer	10	-	-	-	-	-	-	-	-	-	-	10	0	0	17.0402	Aircraft Operations
623.281-026	Machinist, Marine Engine	30	-	-	30	0	-	-	-	-	-	-	-	-	0	17.22	Maritime Occupations
624.281-010	Farm-Equipment Mechanic	1,990	180	20	270	40	170	0	690	160	620	150	60	20	310	01.0301	Agriculture Power and Machinery
624.381-010	Farm-Equipment Mechanic II	40	-	-	-	-	30	20	10	0	-	-	-	-	10	01.0301	Agriculture Power and Machinery
624.381-014	Farm-Machinery Set-Up Man	640	-	-	150	30	30	0	120	40	320	20	20	0	70	01.0301	Agriculture Power and Machinery
624.781-010	Assembly Repairer	40	-	-	-	-	-	-	40	10	-	-	-	-	0	01.0301	Agriculture Power and Machinery
625.281-010	Diesel Mechanic	240	50	20	-	-	40	10	0	20	140	10	10	0	80	17.12	Diesel Mechanics
625.281-034	Gasoline-Engine Repairer	150	-	-	30	0	-	-	-	-	80	20	40	20	70	17.31	Small Engine Repair, Internal Combustion
625.884-010	Greaser	0	0	20	-	-	-	-	-	-	-	-	-	-	20	17.12	Diesel Mechanics
626.281	Machine Repairer, Maintenance	30	-	-	-	-	30	30	-	-	-	-	-	-	0	*	
627.281	Press Maintenance	10	-	-	10	0	-	-	-	-	-	-	-	-	0	*	
629.281	Bakery-Machine Mechanic	10	-	-	10	0	-	-	-	-	-	-	-	-	0	*	
629.281	Carton-Forming-Machine Adjuster	10	-	-	-	-	-	-	-	-	-	-	10	0	0	*	
630.281	Pump Servicer	40	-	-	-	-	-	-	-	-	-	-	40	0	0	*	
632.281	Gunsmith	20	-	-	10	0	-	-	-	-	10	0	-	-	0	*	
633.281	Cash-Register Servicer	20	-	-	-	-	-	-	-	-	-	-	20	0	0	*	
633.281-030	Office-Machine Servicer	320	-	-	50	0	-	-	20	0	150	10	100	0	40	17.06	Business Machine Maint.
637.281-010	Air-Conditioning Mechanic, Commercial	30	-	-	-	-	-	-	-	-	20	10	10	0	10	17.01	Air Conditioning
637.281-014	Air-Conditioning Mechanic, Domestic	20	-	-	10	10	-	-	-	-	10	0	-	-	0	17.01	Air Conditioning
637.281-018	Gas Servicer	60	-	-	-	-	10	0	50	0	-	-	-	-	0	17.0202	Gas Appliances
637.281-022	Gas Appliance Servicer	600	70	0	30	0	60	10	-	-	110	10	330	60	150	17.0202	Gas Appliances

OCCUPATIONAL GROUP		Total State Projected Employment	Area I		Area II		Area III		Area IV		Area V		Area VI		Total State Projected 2 Year Need	INSTRUCTIONAL TRAINING PROGRAM	
D.O.T. Number	Job Title		Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need		H.E.W. Number	Program
637.281-034	Refrigeration Mechanic	60	-	-	-	-	-	-	-	-	10	0	50	30	0	17.0101	Cooling
637.381-014	Refrigeration-Unit Repairer	40	-	-	-	-	-	-	-	-	40	20	-	-	20	17.0101	Cooling
638.281-010	Automated-Equipment-Engineer Technician	10	-	-	-	-	-	-	-	-	10	0	-	-	0	16.0113	Mechanical Technology
638.281	Maintenance Mechanic	250	-	-	10	0	-	-	90	0	130	0	20	0	0	*	
638.281	Salvager	80	-	-	-	-	-	-	50	30	-	-	30	0	0	*	
638.884	Maintenance-Mechanic Helper	60	-	-	-	-	-	-	-	-	60	30	-	-	10	*	
639.281	Sewing-Machine Repairer	30	-	-	-	-	-	-	-	-	20	0	10	0	0	*	
639.381	Vending-Machine Servicer	250	-	-	-	-	10	10	-	-	10	0	230	20	60	*	
639.884	Bicycle Repairer	10	-	-	-	-	-	-	10	0	-	-	-	-	0	*	
639.884	Lawn Mower Repairer	40	-	-	10	0	-	-	-	-	-	-	30	0	0	*	
	Subtotal	16,700	950	190	1,820	270	1,180	230	2,340	490	4,390	940	6,020	870	3,600		
Paperworking																	
640.782	Slitter-Scorer Cut-Off Operator	40	-	-	-	-	-	-	40	40	-	-	-	-	40	*	
643.885	Bindery Worker	1,250	-	-	-	-	-	-	-	-	1,120	140	130	30	210	*	
649.130	Supervisor, Paper Products	200	-	-	-	-	-	-	160	0	20	0	20	0	0	*	
649.687	Paper Sorter and Counter	30	-	-	-	-	-	-	-	-	30	0	-	-	0	*	
649.885	Folding-Machine Operator	20	-	-	-	-	-	-	-	-	-	-	20	0	0	*	
	Subtotal	1,540	-	-	-	-	-	-	200	40	1,170	140	170	30	250		
Printing																	
650.582-014	Linotype Operator	170	110	20	10	0	-	-	20	20	30	10	-	-	20	17.1901	Composition, Make-Up, & Typesetting
650.885-010	Typesetting-Machine Tender	20	20	0	-	-	-	-	-	-	-	-	-	-	0	17.1901	Composition, Make-Up, & Typesetting
651.130-010	Supervisor, Press Room	40	-	-	-	-	-	-	-	-	40	0	-	-	0	17.1902	Printing Press Occup.
651.782-042	Offset-Press Man	240	50	0	30	0	-	-	20	30	50	10	90	10	0	17.1902	Printing Press Occup.
651.782-062	Printer-Slotter Operator	30	-	-	-	-	-	-	-	-	-	-	30	0	0	17.1902	Printing Press Occup.
651.782-066	Printing-Press Operator	40	20	0	-	-	-	-	-	-	20	0	-	-	0	17.1902	Printing Press Occup.
651.782-094	Web-Press Operator	1,150	120	0	20	10	20	0	10	0	850	120	130	40	110	17.1902	Printing Press Occup.
651.885-014	Offset-Press Operator	280	-	-	30	0	-	-	-	-	-	-	250	80	270	17.1902	Printing Press Occup.
652.782	Box Printer	320	-	-	-	-	-	-	280	10	-	-	40	0	20	*	

OCCUPATIONAL GROUP		Total State Projected Employment	Area I		Area II		Area III		Area IV		Area V		Area VI		Total State Projected 2 Year Need	INSTRUCTIONAL TRAINING PROGRAM	
D.O.T. Number	Job Title		Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need		H.E.W. Number	Program
652.885	Ticketer	30	-	-	-	-	-	-	-	-	30	20	-	-	40	*	
653.131-010	Supervisor, Bindery	20	20	0	-	-	-	-	-	-	-	-	-	-	20	17.1906	Bookbinding
653.780-010	Casing-In-Line Set-Up Operator	30	-	-	20	0	-	-	10	0	-	-	-	-	0	17.1906	Bookbinding
653.782-014	Folding-Machine Operator	170	-	-	-	-	-	-	-	-	-	-	170	50	130	17.1906	Bookbinding
653.886-014	Folding-Machine Feeder	20	-	-	-	-	-	-	-	-	20	0	-	-	0	17.1906	Bookbinding
659.130-010	Supervisor, Printing-Shop	50	-	-	-	-	-	-	-	-	10	0	40	0	0	17.19	Graphic Arts Occupations
659.782-034	Sign Writer, Machine	10	-	-	-	-	-	-	-	-	-	-	10	0	0	17.1999	Graphic Arts, Other
659.885-014	Perforating-Machine Operator	10	-	-	-	-	10	0	-	-	-	-	-	-	0	17.1906	Bookbinding
	Subtotal	2,630	340	20	110	10	30	0	340	60	1,050	160	760	180	610		
Wood Machining																	
660.131-010	Cabinetmaker, Supervisor	20	10	0	-	-	-	-	-	-	10	0	-	-	0	17.3601	Millwork & Cabinetmaking
660.280-010	Cabinetmaker	260	70	20	-	-	-	-	-	-	120	60	70	20	60	17.3601	Millwork & Cabinetmaking
660.280-014	Cabinetmaker Apprentice	30	-	-	-	-	-	-	-	-	-	-	30	0	10	17.3601	Millwork & Cabinetmaking
665.782-046	Router Operator	60	-	-	40	20	-	-	-	-	20	0	-	-	20	17.3601	Millwork & Cabinetmaking
666.782	Driller and Plugger (Sports Eqp.)	20	-	-	10	0	10	0	-	-	-	-	-	-	0	*	
667.782-070	Jigsaw Operator	60	-	-	-	-	-	-	-	-	40	0	20	20	30	17.3601	Millwork & Cabinetmaking
667.782-114	Sawmill Worker	30	-	-	-	-	-	-	-	-	-	-	30	0	0	17.3699	Woodworking, Other
667.885-014	Band-Saw Operator	30	-	-	-	-	-	-	-	-	30	0	-	-	0	17.3601	Millwork & Cabinetmaking
669.380-010	Millman	490	300	40	-	-	-	-	-	-	10	0	180	0	0	17.3601	Millwork & Cabinetmaking
669.782	Box-Blank-Machine Operator	60	-	-	-	-	-	-	-	-	-	-	60	10	20	*	
669.782-074	Woodworking-Machine Operator	160	-	-	-	-	-	-	-	-	-	-	160	20	70	17.3601	Millwork & Cabinetmaking
	Subtotal	1,220	380	60	50	20	10	0	-	-	230	60	550	70	210		
Textile Occupations																	
681.885-050	Quilling-Machine Operator	70	-	-	-	-	-	-	70	10	-	-	-	-	100	17.3399	Textile Production and Fabrication, Other
683.130-014	Loom Fixer Overseer	60	-	-	-	-	-	-	60	50	-	-	-	-	20	17.3399	Textile Production and Fabrication, Other
683.280-018	Loom Fixer	80	-	-	-	-	-	-	80	30	-	-	-	-	60	17.3399	Textile Production and Fabrication, Other
683.380-010	Harness Builder	10	-	-	-	-	-	-	10	0	-	-	-	-	0	17.3399	Textile Production and Fabrication, Other
683.684-014	Weaving Inspector	70	-	-	-	-	-	-	70	20	-	-	-	-	50	17.3399	Textile Production and Fabrication, Other

OCCUPATIONAL GROUP		Total State Projected Employment	Area I		Area II		Area III		Area IV		Area V		Area VI		Total State Projected 2 Year Need	INSTRUCTIONAL TRAINING PROGRAM	
D.O.T. Number	Job Title		Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need		H.E.W. Number	Program
683.885	Smash Hand	60	-	-	-	-	-	-	60	20	-	-	-	-	30	*	
683.885-038	Twister-In	10	-	-	-	-	-	-	10	0	-	-	-	-	0	17.3399	Textile Production and Fabrication, Other
689.885	Loom-Winder Tender	160	-	-	-	-	-	-	160	60	-	-	-	-	100	*	
689.885	Quiller Operator	110	-	-	-	-	-	-	110	80	-	-	-	-	160	*	
689.886	Utility-Man, Woolen Mill	30	-	-	-	-	-	-	30	20	-	-	-	-	40	*	
	Subtotal	660	-	-	-	-	-	-	660	290	-	-	-	-	560		
Machine Trades, Other																	
690.885	Cutting-Machine Tender	90	-	-	-	-	-	-	-	-	90	20	-	-	20	*	
692.885	Loading-Machine Operator I	40	-	-	-	-	-	-	40	0	-	-	-	-	20	*	
692.885	Stapling-Machine Operator	10	-	-	-	-	-	-	-	-	10	10	-	-	10	*	
699.782	Cutter Operator	180	-	-	-	-	-	-	-	-	120	50	60	10	100	*	
	Subtotal	320	-	-	-	-	-	-	40	0	220	80	60	10	150		
TOTAL–MACHINE TRADES OCCUPATIONS		37,340	1,720	280	2,530	420	1,360	280	4,530	1,020	12,950	2,630	14,250	3,000	9,640		

*No Vocational Instructional Training Program Listed

TABLE 8
BENCH WORK OCCUPATIONS

OCCUPATIONAL GROUP		Total State Projected Employment	Area I		Area II		Area III		Area IV		Area V		Area VI		Total State Projected 2 Year Need	INSTRUCTIONAL TRAINING PROGRAM	
D.O.T. Number	Job Title		Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need		H.E.W. Number	Program
Fabrication, Assembly & Repair of Metal Products																	
700.281	Jeweler	260	-	-	20	0	20	0	30	0	120	0	70	0	0	*	
704.381-026	Engraver, Decorative	10	-	-	-	-	-	-	-	-	-	-	10	0	0	17.2399	Metalworking, Other
705.887-014	Laborer, Grinding & Polishing	20	-	-	-	-	-	-	-	-	-	-	20	0	0	17.2399	Metalworking, Other
706.884	Assembler, Product	3,580	-	-	-	-	150	0	-	-	2,370	110	1,060	550	1,190	*	
709.281	Locksmith	20	-	-	-	-	-	-	-	-	20	0	-	-	0	*	
	Subtotal	3,890	-	-	20	0	170	0	30	0	2,510	110	1,160	550	1,190		

OCCUPATIONAL GROUP		Total State Projected Employment	Area I		Area II		Area III		Area IV		Area V		Area VI		Total State Projected 2 Year Need	INSTRUCTIONAL TRAINING PROGRAM	
D.O.T. Number	Job Title		Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need		H.E.W. Number	Program
Fabrication & Repair of Scientific & Medical Apparatus, Photographic and Optical Goods, Watches and Clocks, and Related Products																	
710.281-058	Instrument Repairer	80	-	-	-	-	60	0	20	0	-	-	-	-	0	17.2101	Instruments Other than Watches and Clocks
711.138-010	Supervisor, Optical Instruments	20	-	-	-	-	-	-	-	-	-	-	20	0	0	17.2101	Instruments Other than Watches and Clocks
711.381	Optician, Contact Lens Dispensing	10	-	-	10	0	-	-	-	-	-	-	-	-	0	*	
711.381-010	Benchman II	160	-	-	-	-	-	-	40	10	-	-	120	30	0	17.2101	Instruments Other than Watches and Clocks
711.384-010	Lens Inspector II	120	-	-	-	-	-	-	-	-	-	-	120	30	0	17.2101	Instruments Other than Watches and Clocks
711.781-018	Lens Grinder	120	-	-	-	-	-	-	-	-	-	-	120	30	0	17.2101	Instruments Other than Watches and Clocks
712.281-010	Dental Ceramist	10	-	-	-	-	-	-	-	-	10	0	-	-	0	07.0103	Dental Lab. Technology
712.281-018	Orthopedic-Appliance-and-Limb Technician	50	-	-	-	-	-	-	-	-	-	-	50	0	0	07.0404	Orthotics
712.381-014	Dental Laboratory Technician	110	-	-	20	0	-	-	20	10	40	10	30	0	0	07.0103	Dental Lab. Technology
712.781	Leather Worker	30	-	-	-	-	-	-	-	-	-	-	30	0	0	*	
713.251-010	Optical Dispensing	90	-	-	10	0	-	-	10	0	30	0	40	0	0	07.0601	Ophthalmic Dispensing
713.884-066	Mounter and Repairer	80	-	-	-	-	-	-	-	-	-	-	80	10	30	07.0601	Ophthalmic Dispensing
714.281-014	Camera Repairer	50	-	-	10	0	-	-	40	0	-	-	-	-	0	17.2101	Instruments Other than Watches and Clocks
715.281-030	Watchmaker	100	-	-	40	10	-	-	10	0	30	10	20	0	0	17.2102	Watchmaking and Repair
	Subtotal	1,030	-	-	90	10	60	0	140	20	110	20	630	100	30		
Assembly and Repair of Electrical Equipment																	
720.281-018	Television-Service-and-Repairer	460	-	-	40	10	-	-	110	10	140	30	170	20	40	17.1503	Radio and Television
720.281-022	Television-Service-and-Repairer Apprentice	10	-	-	-	-	-	-	-	-	-	-	10	0	0	17.1503	Radio and Television
720.884	Phonographic-Cartridge Assembler	50	-	-	-	-	-	-	-	-	-	-	50	0	0	*	
721.281-022	Electric-Motor Repairer	70	20	0	30	0	20	10	-	-	-	-	-	-	10	17.1403	Motor Repairers
721.281-026	Electric-Motor Repairer (elec. eqp.)	50	-	-	-	-	-	-	-	-	-	-	50	0	0	17.1403	Motor Repairers
723.381-018	Vacuum-Cleaner Repairer	20	-	-	-	-	-	-	-	-	10	0	10	0	0	17.0201	Electrical Appliances
723.884-010	Appliance Repairer	110	-	-	30	30	10	0	40	0	30	0	-	-	60	17.0201	Electrical Appliances
724.781-022	Coil Winder I	50	-	-	50	10	-	-	-	-	-	-	-	-	20	17.1403	Motor Repairers

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OCCUPATIONAL GROUP		Total State Projected Employment	Area I		Area II		Area III		Area IV		Area V		Area VI		Total State Projected 2 Year Need	INSTRUCTIONAL TRAINING PROGRAM	
D.O.T. Number	Job Title		Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need		H.E.W. Number	Program
724.884	Laminator	40	-	-	40	10	-	-	-	-	-	-	-	-	20	*	
726.781-010	Electronics Assembler	210	130	60	80	20	-	-	-	-	-	-	-	-	70	17.15	Electronics Occupations
729.281-034	Electromedical-Equipment Repairer	40	-	-	-	-	-	-	-	-	-	-	40	0	0	16.0108	Electronic Technology
729.381-026	Street-Light Repairer I	10	-	-	-	-	-	-	10	0	-	-	-	-	0	17.1401	Industrial Electricians
	Subtotal	1,120	150	60	270	80	30	10	160	10	180	30	330	20	220		
Fabrication & Repair of Products made from Assorted Materials																	
730.281	Musical-Instrument Repairer	140	60	0	10	0	-	-	40	10	30	0	-	-	10	*	
732.381	Golf Club Repairer	20	-	-	-	-	-	-	-	-	-	-	20	0	0	*	
732.884	Roller-Skate Repairer	30	-	-	-	-	-	-	-	-	-	-	30	0	0	*	
735.884	Trophy Assembler	20	-	-	-	-	-	-	-	-	-	-	20	0	0	*	
737.887	Laborer, Ammunition Assembly	500	-	-	-	-	-	-	-	-	-	-	500	250	500	*	
739.381-010	Canvas Worker	40	-	-	-	-	40	20	-	-	-	-	-	-	40	17.3399	Textile Production and Fabrication, Other
739.781-010	Casket Assembler	10	-	-	-	-	-	-	-	-	-	-	10	0	0	17.3601	Millwork & Cabinetmaking
739.884	Broommaker	100	-	-	-	-	-	-	-	-	100	0	-	-	0	*	
739.884-130	Last Remodeler	10	-	-	-	-	-	-	-	-	-	-	10	0	0	17.3699	Woodworking, Other
739.887	Assembler, Small Products	570	-	-	300	50	250	0	-	-	-	-	20	0	150	*	
739.887	Gluer	50	-	-	-	-	-	-	50	30	-	-	-	-	30	*	
	Subtotal	1,490	60	0	310	50	290	20	90	40	130	0	610	250	730		
Painting, Decorating and Related																	
741.884	Painter, Spray	390	50	40	20	10	-	-	70	20	-	-	250	0	220	*	
	Subtotal	390	50	40	20	10	-	-	70	20	-	-	250	0	220		
Fabrication & Repair of Plastics, Synthetics, Rubber and Related Products																	
752.781	Hose Maker (Rubber)	90	90	0	-	-	-	-	-	-	-	-	-	-	40	*	
754.381	Fabricator, Plastics	120	-	-	-	-	-	-	-	-	-	-	120	70	70	*	
	Subtotal	210	90	0	-	-	-	-	-	-	-	-	120	70	110		
Fabrication & Repair of Wood Products																	
761.887	Picture-Frame-Maker Helper	10	-	-	-	-	-	-	-	-	-	-	10	0	0	*	
763.381	Furniture Finisher	60	-	-	-	-	-	-	-	-	-	-	60	20	40	*	
763.884-034	Furniture Assembler	180	-	-	-	-	-	-	-	-	-	-	180	20	50	17.3601	Millwork & Cabinetmaking

OCCUPATIONAL GROUP		Total State Projected Employment	Area I		Area II		Area III		Area IV		Area V		Area VI		Total State Projected 2 Year Need	INSTRUCTIONAL TRAINING PROGRAM	
D.O.T. Number	Job Title		Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need		H.E.W. Number	Program
763.884	Laminator, Hand	90	-	-	-	-	-	-	-	-	-	-	90	30	20	*	
769.884-022	Repairer, Assembled Wood Products	10	-	-	10	30	-	-	-	-	-	-	-	-	50	17.3601	Millwork & Cabinetmaking
769.887	Wood-Shop Hand	20	-	-	-	-	-	-	-	-	-	-	20	60	110	*	
	Subtotal	370	-	-	10	30	-	-	-	-	-	-	360	130	270		
Fabrication & Repair of Sand, Stone, Clay and Glass Products																	
771.381	Monument Stone Cutter	90	-	-	-	-	30	40	-	-	20	0	40	0	0	*	
774.884	Dipper (Pottery & Porcelain)	20	-	-	-	-	-	-	-	-	-	-	20	20	20	*	
	Subtotal	110	-	-	-	-	30	40	-	-	20	0	60	20	20		
Fabrication & Repair of Textiles, Leather, and Related Products																	
780.137-014	Supervisor, Upholstery Dept.	50	-	-	-	-	-	-	-	-	-	-	50	0	0	17.35	Upholstery
780.381-018	Furniture Upholsterer	400	-	-	50	0	10	0	-	-	40	20	300	40	120	17.35	Upholstery
780.587-010	Sorter, Upholstery Parts	350	-	-	-	-	-	-	-	-	-	-	350	100	140	17.35	Upholstery
780.884	Upholsterer II	730	-	-	20	0	-	-	-	-	-	-	710	400	800	*	
780.884-078	Mattress Maker	30	30	0	-	-	-	-	-	-	-	-	-	-	0	17.34	Leatherworking
781.687-010	Assembler	20	-	-	-	-	-	-	-	-	20	10	-	-	0	17.3399	Textile Production and Fabrication, Other
781.884-122	Cutter, Hand II	10	-	-	-	-	-	-	-	-	10	10	-	-	0	17.3399	Textile Production and Fabrication, Other
781.887-014	Cutter, Hand I	20	-	-	-	-	-	-	20	0	-	-	-	-	0	17.3399	Textile Production and Fabrication, Other
781.887-022	Cutter Helper	20	-	-	-	-	-	-	-	-	20	20	-	-	0	17.3399	Textile Production and Fabrication, Other
781.887-078	Trimmer, Hand	60	-	-	-	-	-	-	60	30	-	-	-	-	30	17.3399	Textile Production and Fabrication, Other
782.781-026	Weaver, Hand	30	-	-	-	-	-	-	-	-	-	-	30	0	0	17.3399	Textile Production and Fabrication, Other
782.884-078	Seamstress	60	-	-	10	0	-	-	50	0	-	-	-	-	0	17.16	Fabric Maintenance Serv.
785.261-010	Master Tailor	30	-	-	-	-	-	-	-	-	-	-	30	0	0	17.3302	Tailoring
785.281-010	Alteration Tailor	230	20	0	100	0	10	0	-	-	90	20	10	0	50	17.3302	Tailoring
785.381-022	Seamstress, Linen Room	10	-	-	-	-	10	0	-	-	-	-	-	-	0	09.0202	Clothing, Management, Production and Services
785.381-026	Seamstress, Women's Garments Alterations	70	-	-	-	-	10	0	-	-	10	10	50	0	0	17.3301	Dressmaking
785.381-030	Shop Tailor	40	-	-	10	0	-	-	-	-	20	0	10	0	0	17.3302	Tailoring

OCCUPATIONAL GROUP		Total State Projected Employment	Area I		Area II		Area III		Area IV		Area V		Area VI		Total State Projected 2 Year Need	INSTRUCTIONAL TRAINING PROGRAM	
D.O.T. Number	Job Title		Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need		H.E.W. Number	Program
786.782-090	Sewing-Machine Operator, Regular Equip. (garment)	80	-	-	-	-	-	-	-	-	-	-	80	10	10	17.3399	Textile Production and Fabrication, Other
786.782-098	Shearing-Machine Operator	30	-	-	-	-	-	-	-	-	-	-	30	10	0	17.3399	Textile Production and Fabrication, Other
787.782-086	Drapery Operator	140	-	-	30	0	-	-	-	-	110	30	-	-	30	09.0204	Home Furnishings, Equip. & Services
787.782-286	Sewing-Machine Operator	40	-	-	-	-	-	-	40	70	-	-	-	-	60	17.3399	Textile Production and Fabrication, Other
787.782-294	Sewing-Machine Operator, Regular Equip.	1,010	-	-	-	-	-	-	60	10	600	210	350	50	130	17.3399	Textile Production and Fabrication, Other
789.687	Finisher	20	-	-	-	-	-	-	20	0	-	-	-	-	0	*	
789.884-054	Leatherworker	20	-	-	-	-	-	-	-	-	20	0	-	-	0	17.34	Leatherworking
	Subtotal	3,500	50	0	220	0	40	0	250	110	940	330	2,000	610	1,370		
Bench Work, Other																	
794.884	Box Maker, Paperboard	1,400	-	-	-	-	-	-	880	140	-	-	520	260	620	*	
	Subtotal	1,400	-	-	-	-	-	-	880	140	-	-	520	260	620		
TOTAL–BENCH WORK OCCUPATIONS		13,510	400	100	940	180	620	70	1,620	340	3,890	490	6,040	2,010	4,780		

*No Vocational Instructional Training Program Listed.

TABLE 9

STRUCTURAL WORK OCCUPATIONS

OCCUPATIONAL GROUP		Total State Projected Employment	Area I		Area II		Area III		Area IV		Area V		Area VI		Total State Projected 2 Year Need	INSTRUCTIONAL TRAINING PROGRAM	
D.O.T. Number	Job Title		Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need		H.E.W. Number	Program
Metal Fabrication, Other																	
801.781-010	Structural-Steel Worker	430	-	-	-	-	-	-	50	0	190	30	190	20	70	17.1099	Const. & Maintenance Trades, Other
801.884-010	Assembler	450	-	-	-	-	-	-	50	20	-	-	400	10	30	17.1099	Const. & Maintenance Trades, Other

OCCUPATIONAL GROUP		Total State Projected Employment	Area I		Area II		Area III		Area IV		Area V		Area VI		Total State Projected 2 Year Need	INSTRUCTIONAL TRAINING PROGRAM	
D.O.T. Number	Job Title		Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need		H.E.W. Number	Program
801.884-014	Assembler, Metal Building	140	-	-	60	0	-	-	-	-	80	30	-	-	30	17.1099	Const. & Maintenance Trades, Other
801.887-026	Structural-Steel-Worker Helper	20	-	-	-	-	-	-	-	-	-	-	20	0	0	17.1099	Const. & Maintenance Trades, Other
804.281-010	Sheet-Metal Worker	3,510	20	10	120	70	20	0	350	70	290	20	2,710	80	150	17.2305	Sheet Metal
804.281-014	Sheet-Metal-Worker Apprentice	40	-	-	-	-	-	-	-	-	10	0	30	0	10	17.2305	Sheet Metal
804.886-010	Metal-Fabricating-Shop Helper	2,750	-	-	-	-	-	-	-	-	750	1,350	2,000	0	2,700	17.2304	Metal Trades, Combined
805.131-010	Boiler Repair, Supervisor	20	-	-	-	-	-	-	-	-	20	0	-	-	0	17.1099	Const. & Maintenance Trades, Other
805.281-010	Boilermaker I	350	-	-	-	-	-	-	-	-	350	150	-	-	150	17.1099	Const. & Maintenance Trades, Other
805.381-010	Boilerhouse Repairer	10	-	-	-	-	-	-	-	-	10	20	-	-	20	17.1099	Const. & Maintenance Trades, Other
806.381-018	Assembly Mechanic, Experimental Aircraft	80	-	-	-	-	-	-	-	-	-	-	80	40	60	17.0401	Aircraft Maintenance
806.381-034	New-Car-Get-Ready Man	120	30	30	20	50	10	10	10	0	50	0	-	-	150	17.03	Automotive Services
806.884	Truck-Assembly-Mechanic Helper	60	60	90	-	-	-	-	-	-	-	-	-	-	300	*	
806.884-078	Mobile-Home Installer	400	-	-	-	-	-	-	400	200	-	-	-	-	200	17.3601	Millwork & Cabinetmaking
807.281	Truck-Body Builder	110	110	140	-	-	-	-	-	-	-	-	-	-	520	*	
807.381-010	Automobile-Body Repairer	1,860	140	30	370	40	90	20	70	10	470	170	720	80	520	17.0301	Body and Fender
807.381-026	Inspector, Fabrication	10	-	-	-	-	-	-	-	-	-	-	10	0	0	17.0401	Aircraft Maintenance
809.130	Supervisor, Metal Fabricating	200	-	-	-	-	-	-	-	-	-	-	200	0	0	*	
	Subtotal	10,560	360	300	570	160	120	30	930	300	2,220	1,770	6,360	230	4,910		
Welders, Flame Cutters, and Related																	
810.782-022	Welder, Spot I	20	-	-	20	10	-	-	-	-	-	-	-	-	10	17.2306	Welding and Cutting
810.884-018	Welder, Arc	1,810	220	240	320	10	80	10	150	0	150	20	890	240	1,020	17.2306	Welding and Cutting
812.884-014	Welder, Combination	2,680	-	-	10	0	-	-	590	170	20	0	2,060	340	270	17.2306	Welding and Cutting
812.884-018	Welder, Production Line	830	-	-	-	-	-	-	10	10	820	90	-	-	170	17.2306	Welding and Cutting
812.884-022	Welder, Repair	100	-	-	100	0	-	-	-	-	-	-	-	-	0	17.2306	Welding and Cutting
819.381-022	Welder-Fitter	10	-	-	-	-	-	-	-	-	10	0	-	-	0	17.2306	Welding and Cutting
	Subtotal	5,450	220	240	450	20	80	10	750	180	1,000	110	2,950	580	1,470		

OCCUPATIONAL GROUP		Total State Projected Employment	Area I		Area II		Area III		Area IV		Area V		Area VI		Total State Projected 2 Year Need	INSTRUCTIONAL TRAINING PROGRAM	
D.O.T. Number	Job Title		Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need		H.E.W. Number	Program
Electrical Assembling, Installing, and Repair																	
821.281-010	Line Installer	740	-	-	30	0	140	0	140	70	10	0	420	250	20	17.1402	Line Installers
821.381-042	Liné Installer, Repair	270	-	-	100	20	120	20	50	0	-	-	-	-	50	17.1402	Line Installers
821.387-010	Construction Checker	10	-	-	-	-	-	-	10	0	-	-	-	-	0	17.1402	Line Installers
822.131	Central-Office-Repairer Supervisor	10	-	-	-	-	-	-	-	-	10	0	-	-	0	*	
822.281-014	Central-Office Repairer	70	-	-	-	-	-	-	-	-	40	0	30	0	0	17.1501	Communications
822.281-018	Combination Man	10	-	-	10	0	-	-	-	-	-	-	-	-	0	17.1501	Communications
822.281-022	Communication Engineer	40	-	-	-	-	-	-	40	0	-	-	-	-	0	17.1501	Communications
822.281-050	Private-Branch-Exchange Repairer	70	-	-	30	0	-	-	-	-	40	0	-	-	10	17.1501	Communications
822.287-010	Line Inspector	10	-	-	10	0	-	-	-	-	-	-	-	-	0	17.1402	Line Installers
822.381-010	Cable Repairer	70	40	0	30	0	-	-	-	-	-	-	-	-	0	17.1501	Communications
822.381-018	Central-Office Installer	30	-	-	-	-	-	-	-	-	30	0	-	-	0	17.1501	Communications
822.381-026	Line Installer (tel. & tel.)	100	100	10	-	-	-	-	-	-	-	-	-	-	10	17.1402	Line Installers
822.381-034	Private-Branch-Exchange Installer	40	-	-	40	0	-	-	-	-	-	-	-	-	20	17.1501	Communications
822.884	Cable Worker	30	-	-	-	-	-	-	-	-	30	0	-	-	0	*	
823.281	Public-Address Servicer	150	-	-	-	-	-	-	-	-	-	-	150	0	0	*	
824.281-014	Electrician	2,310	30	30	200	10	40	30	210	40	240	30	1,590	150	130	17.1002	Electricity
824.281-022	Neon-Sign Servicer	100	-	-	-	-	-	-	-	-	-	-	100	0	0	17.1002	Electricity
824.381-014	Street-Light Servicer	60	-	-	-	-	-	-	60	10	-	-	-	-	0	17.1002	Electricity
825.281-026	Electrician, Airplane	10	-	-	-	-	-	-	-	-	-	-	10	0	0	17.0401	Aircraft Maintenance
825.281-030	Electrician, Automotive	10	10	10	-	-	-	-	-	-	-	-	-	-	0	17.0303	Specialization, Other
825.381-026	Electrical Inspector	20	-	-	-	-	-	-	-	-	-	-	20	0	0	17.0401	Aircraft Maintenance
827.281-014	Electrical Appliance Servicer	230	50	20	40	10	-	-	20	0	90	20	30	0	20	17.0201	Electrical Appliances
827.281-022	Household-Appliance Repairer	240	-	-	70	0	-	-	70	30	60	10	40	10	50	17.02	Appliance Repair
827.381-018	Household-Appliance Installer	10	-	-	10	0	-	-	-	-	-	-	-	-	0	17.02	Appliance Repair
827.381-022	Refrigeration Mechanic	20	20	20	-	-	-	-	-	-	-	-	-	-	10	17.0101	Cooling
827.884-014	Air-Conditioning Installer, Domestic	230	-	-	30	0	-	-	40	10	-	-	160	20	60	17.0101	Cooling
827.884	Assembler, Electronics	30	-	-	30	10	-	-	-	-	-	-	-	-	10	*	
828.281-022	Electronics Mechanic	60	10	10	-	-	-	-	-	-	20	0	30	0	10	16.0108	Electronic Technology
829.281-022	Electrical Repairer	5,080	-	-	-	-	-	-	20	10	-	-	5,060	610	0	17.14	Electrical Occupations
829.281-038	Pinsetter, Mechanic, Automatic	100	-	-	30	0	20	0	30	0	-	-	20	0	0	17.1401	Industrial Electricians

OCCUPATIONAL GROUP		Total State Projected Employment	Area I		Area II		Area III		Area IV		Area V		Area VI		Total State Projected 2 Year Need	INSTRUCTIONAL TRAINING PROGRAM	
D.O.T. Number	Job Title		Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need		H.E.W. Number	Program
829.381-010	Cable Splicer	1,350	-	-	-	-	-	-	-	-	-	-	1,350	480	0	17.1402	Line Installers
829.887-014	Electrician Helper	210	20	0	60	0	10	0	-	-	110	60	10	10	20	17.1002	Electricity
	Subtotal	11,720	280	100	720	50	330	50	690	170	680	120	9,020	1,530	420		
Painting, Plastering, Waterproofing, Cementing, and Related																	
840.781-010	Painter	670	30	10	40	0	60	0	100	60	140	50	300	130	230	17.1005	Painting and Decorating
840.887-010	Drywall Sander	110	-	-	-	-	-	-	-	-	-	-	110	20	40	17.1008	Drywall Installation
840.887-014	Paint-Stripping-Machine Operator	30	-	-	-	-	-	-	-	-	-	-	30	0	0	17.1005	Painting and Decorating
841.781-010	Painter and Decorator Apprentice	0	-	-	-	-	-	-	-	-	0	20	-	-	0	17.1005	Painting and Decorating
842.781-010	Lather	10	-	-	-	-	-	-	-	-	-	-	10	0	0	17.1006	Plastering
842.781-018	Plasterer	140	-	-	-	-	-	-	-	-	70	0	70	0	0	17.1006	Plastering
842.781-026	Plasterer, Molding	80	-	-	50	0	-	-	-	-	10	0	20	0	0	17.1006	Plastering
842.884-010	Drywall Applicator	40	-	-	30	10	-	-	-	-	-	-	10	0	20	17.1008	Drywall Installation
842.884-022	Taper	640	-	-	260	60	-	-	-	-	-	-	380	40	160	17.1008	Drywall Installation
843.884-022	Waterproofer	30	-	-	-	-	-	-	-	-	10	30	20	0	0	17.1005	Painting and Decorating
843.887	Waterproofer Helper	30	-	-	-	-	-	-	-	-	-	-	30	10	0	*	
844.781-010	Concrete-Stone Finisher	20	-	-	-	-	-	-	-	-	-	-	20	0	0	17.1099	Const. and Maintenance Trades, Other
844.884-014	Cement Mason	1,610	90	40	30	20	60	20	60	0	170	20	1,200	60	120	17.1099	Const. and Maintenance Trades, Other
844.884-018	Cement Mason, Maintenance	40	-	-	-	-	40	10	-	-	-	-	-	-	10	17.1099	Const. and Maintenance Trades, Other
844.887-014	Cement Mason, Helper	1,700	110	60	30	20	20	0	30	0	430	150	1,080	490	390	17.1099	Const. and Maintenance Trades, Other
845.781-018	Painter, Automobile	160	10	0	20	0	-	-	10	0	-	-	120	0	20	17.0301	Body and Fender
849.138	Dispatcher, Ready-Mix Plant	20	-	-	-	-	-	-	-	-	-	-	20	0	0	*	
	Subtotal	5,330	240	110	460	110	180	30	200	60	830	270	3,420	750	990		
Excavating, Grading, Paving & Related																	
850.137	Labor-Gang Supervisor	40	-	-	-	-	-	-	20	0	-	-	20	0	0	*	
850.883-010	Bulldozer Operator	880	60	0	90	60	50	0	330	50	220	430	130	270	940	17.1003	Operation, Heavy Equip.
850.883-018	Dredge Operator	200	-	-	-	-	30	0	70	110	100	50	-	-	20	17.1003	Operation, Heavy Equip.
850.883-030	Power-Shovel Operator	30	-	-	-	-	-	-	10	0	-	-	20	0	0	17.1003	Operation, Heavy Equip.
850.883-038	Scraper Operator	30	-	-	-	-	-	-	-	-	30	10	-	-	0	17.1003	Operation, Heavy Equip.
850.883-054	Trench-Digging-Machine Operator	50	-	-	-	-	10	0	-	-	10	0	30	0	10	17.1003	Operation, Heavy Equip.

OCCUPATIONAL GROUP		Total State Projected Employ-ment	Area I		Area II		Area III		Area IV		Area V		Area VI		Total State Projected 2 Year Need	INSTRUCTIONAL TRAINING PROGRAM	
D.O.T. Number	Job Title		Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need		H.E.W. Number	Program
850.887	Laborer, Road	1,120	-	-	340	100	590	0	100	150	10	0	80	40	280	•	
851.883-010	Blade-Grader Operator	1,340	-	-	430	0	170	0	670	210	20	10	50	0	180	17.1003	Operation, Heavy Equip.
851.883-014	Elevating-Grader Operator	10	-	-	-	-	-	-	-	-	10	0	-	-	0	17.1003	Operation, Heavy Equip.
851.883-018	Motor-Grader Operator	370	-	-	-	-	-	-	110	0	-	-	260	30	80	17.1003	Operation, Heavy Equip.
851.884-022	Pipe Layer	110	-	-	70	20	-	-	-	-	-	-	40	40	80	17.1007	Plumbing & Pipefitting
852.884-014	Concrete-Paving-Machine-Operator Helper	90	-	-	-	-	-	-	-	-	-	-	90	40	40	17.1003	Operation, Heavy Equip.
853.782-014	Asphalt-Plant Operator	10	-	-	-	-	-	-	-	-	10	0	-	-	0	17.1003	Operation, Heavy Equip.
853.883-010	Asphalt-Paving-Machine Operator	90	-	-	-	-	-	-	60	0	10	0	20	0	0	17.1003	Operation, Heavy Equip.
853.884-010	Asphalt Raker	220	-	-	-	-	-	-	120	0	80	20	20	0	20	17.1003	Operation, Heavy Equip.
859.131	Grading Supervisor	50	30	0	-	-	-	-	-	-	20	0	-	-	0	•	
859.782-030	Well-Drill Operator, Cable Tool	640	-	-	60	0	270	60	190	110	70	20	50	0	40	17.1003	Operation, Heavy Equip.
859.782-034	Well-Drill Operator, Rotary Drill	50	-	-	-	-	-	-	30	0	20	0	-	-	20	17.1003	Operation, Heavy Equip.
859.883-018	Dragline Operator	20	-	-	-	-	-	-	-	-	-	-	20	0	0	17.1003	Operation, Heavy Equip.
859.883-030	Operating Engineer	160	-	-	-	-	-	-	-	-	-	-	160	20	20	17.1003	Operation, Heavy Equip.
859.884	Well-Drill-Operator Helper, Cable Tool	20	-	-	-	-	-	-	20	0	-	-	-	-	0	•	
859.884-010	Bricklayer, Paving Brick	50	-	-	-	-	50	0	-	-	-	-	-	-	20	17.1004	Masonry
	Subtotal	5,580	90	0	990	180	1,170	60	1,730	630	610	540	990	440	1,750		
Construction, Other																	
860.131-018	Carpenter Supervisor	180	20	10	30	0	30	0	10	0	50	0	40	0	10	17.1001	Carpentry
860.137-010	Carpentry-Labor Supervisor	340	-	-	10	0	100	0	50	0	90	0	90	0	0	17.1001	Carpentry
860.381-026	Carpenter	5,310	280	30	390	50	310	70	800	130	1,710	660	1,820	420	1,380	17.1001	Carpentry
860.381-030	Carpenter Apprentice	90	-	-	-	-	-	-	-	-	40	10	50	10	10	17.1001	Carpentry
860.781-010	Bill-Board Erector-and-Repairer	100	-	-	-	-	-	-	-	-	-	-	100	50	100	17.1001	Carpentry
860.887-018	Laborer, Carpentry	2,810	30	0	30	20	560	90	360	30	800	480	1,030	240	850	17.1001	Carpentry
861.131	Bricklayer Supervisor	30	-	-	10	0	-	-	-	-	-	-	20	0	0	•	
861.381-010	Bricklayer	1,230	-	-	40	20	30	0	210	20	530	160	420	110	340	17.1004	Masonry
861.381-046	Monument Setter	0	-	-	-	-	-	-	-	-	0	20	-	-	20	17.1004	Masonry
861.781-014	Soft Tile Setter	30	-	-	-	-	-	-	-	-	10	0	20	20	0	17.1004	Masonry
861.781-022	Stonemason	80	-	-	-	-	20	0	20	0	20	0	20	0	0	17.1004	Masonry
861.887	Brick Cleaner	40	-	-	-	-	-	-	-	-	40	0	-	-	40	•	
861.887	Bricklayer Helper	100	-	-	100	30	-	-	-	-	-	-	-	-	80	•	
861.887	Stonemason Helper	130	-	-	-	-	10	10	-	-	20	0	100	50	60	•	
862.131	Plumber Supervisor	10	-	-	10	0	-	-	-	-	-	-	-	-	0	•	
862.381-042	Pipefitter	310	200	0	50	10	-	-	-	-	-	-	60	0	20	17.1007	Plumbing & Pipefitting

OCCUPATIONAL GROUP		Total State Projected Employment	Area I		Area II		Area III		Area IV		Area V		Area VI		Total State Projected 2 Year Need	INSTRUCTIONAL TRAINING PROGRAM	
D.O.T Number	Job Title		Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need		H.E.W. Number	Program
862.381-074	Plumber	1,900	160	30	170	0	130	10	180	10	600	750	660	60	1,080	17.1007	Plumbing & Pipefitting
862.381	Plumber Apprentice	30	-	-	-	-	-	-	-	-	30	10	-	-	0	*	
862.884	Plumber Helper	300	20	0	60	0	30	0	90	0	30	90	70	30	90	*	
862.884	Soft-Water Servicer	180	30	0	50	0	-	-	-	-	30	400	70	0	400	*	
862.887	Laborer, Plumbing	40	-	-	-	-	-	-	-	-	40	10	-	-	10	*	
862.887-034	Oil-Burner-Installation-and-Servicer Helper	30	-	-	-	-	-	-	-	-	30	0	-	-	0	17.0102	Heating
863.884-022	Insulation Installer	620	20	0	-	-	-	-	-	-	-	-	600	100	10	17.1099	Const. & Maintenance Trades, Other
863.884-026	Insulation Worker	40	-	-	-	-	-	-	-	-	40	10	-	-	0	17.1099	Const. & Maintenance Trades, Other
864.781-010	Floor Layer	220	30	0	-	-	-	-	-	-	130	0	60	10	10	17.1099	Const. & Maintenance Trades, Other
864.884	Floor Finisher	10	-	-	10	0	-	-	-	-	-	-	-	-	0	*	
865.781-010	Glazier	150	-	-	50	0	-	-	-	-	40	0	60	0	0	17.1009	Glazing
865.884-014	Glass Installer	90	-	-	10	0	-	-	60	10	-	-	20	10	0	17.1009	Glazing
866.381-010	Roofer	410	120	0	20	0	50	0	30	0	30	0	160	10	20	17.1010	Roofing
866.381-014	Roofer Apprentice	40	-	-	-	-	-	-	20	0	20	20	-	-	40	17.1010	Roofing
866.887-010	Roofer Helper	290	50	10	-	-	-	-	-	-	40	20	200	100	200	17.1010	Roofing
869.281-010	Furnace-Installer-and-Repairer, Hot Air	180	10	10	10	0	-	-	20	0	10	0	130	0	10	17.0102	Heating
869.281-014	House Builder	290	-	-	-	-	-	-	130	10	80	0	80	0	0	17.10	Const. & Maintenance Trades
869.281-018	House Mover	10	-	-	10	0	-	-	-	-	-	-	-	-	0	17.1099	Const. & Maintenance Trades, Other
869.381	Sign Erector I	40	-	-	-	-	-	-	-	-	-	-	40	0	10	*	
869.782-010	Cement-Pump Operator	160	-	-	-	-	-	-	-	-	160	0	-	-	0	17.1003	Operation, Heavy Equip.
869.884	Construction Worker I	5,920	20	10	410	160	80	10	30	20	410	180	4,970	1,460	2,050	*	
869.884	Sign Erector II	100	30	0	30	0	-	-	-	-	-	-	40	10	0	*	
869.884-030	Fence Erector	30	-	-	-	-	-	-	-	-	30	30	-	-	0	17.1099	Const. & Maintenance Trades, Other
869.884-046	Lawn-Sprinkler Installer	50	-	-	-	-	-	-	-	-	50	30	-	-	20	17.1007	Plumbing & Pipefitting
869.884-086	Wrecker	0	-	-	-	-	-	-	-	-	0	30	-	-	0	17.1099	Const. & Maintenance Trades, Other
869.887	Construction Worker II	690	-	-	-	-	-	-	450	150	190	0	50	50	150	*	
869.887-042	Furnace-Installer-and-Repairer Helper, Hot-Air	80	10	10	-	-	-	-	-	-	-	-	70	0	20	17.0102	Heating
	Subtotal	22,690	1,030	110	1,500	290	1,350	190	2,460	380	5,300	2,910	11,050	2,740	7,030		
Structural Work, Other																	
891.138	Maintenance Supervisor	60	-	-	30	10	-	-	-	-	-	-	30	0	10	*	
891.884	Swimming-Pool Servicer	10	-	-	-	-	-	-	-	-	10	0	-	-	0	*	
891.887	Furnace Cleaner	50	-	-	-	-	-	-	-	-	-	-	50	0	10	*	

OCCUPATIONAL GROUP		Total State Projected Employment	Area I		Area II		Area III		Area IV		Area V		Area VI		Total State Projected 2 Year Need	INSTRUCTIONAL TRAINING PROGRAM	
D.O.T. Number	Job Title		Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need		H.E.W. Number	Program
892.883	Laborer, Hoisting	10	-	-	-	-	10	0	-	-	-	-	-	-	0	*	
899.133	Supervisor, Labor-Gang	50	-	-	-	-	-	-	-	-	-	-	50	0	0	*	
899.281	Maintenance Man, Factory-or-Mill	10	-	-	-	-	-	-	10	0	-	-	-	-	0	*	
899.381-010	Maintenance Man, Building	2,510	390	10	220	0	170	70	470	0	840	120	420	90	360	17.10	Const. & Maintenance Trades
899.884	Highway Maintenance Worker	510	-	-	-	-	-	-	510	0	-	-	-	-	0	*	
899.884	House-Trailer-Lot-Utility Worker	80	-	-	-	-	-	-	-	-	30	0	50	0	0	*	
899.884	Sewer-Pipe Cleaner	100	20	0	10	0	20	10	-	-	20	0	30	0	0	*	
	Subtotal	3,390	410	10	260	10	200	80	990	0	900	120	630	90	380		
	TOTAL–STRUCTURAL WORK OCCUPATIONS	64,720	2,630	870	4,950	820	3,430	450	7,750	1,720	11,540	5,840	34,420	6,360	16,950		

*No Vocational Instructional Training Program Listed.

TABLE 10
MISCELLANEOUS OCCUPATIONS

OCCUPATIONAL GROUP		Total State Projected Employment	Area I		Area II		Area III		Area IV		Area V		Area VI		Total State Projected 2 Year Need	INSTRUCTIONAL TRAINING PROGRAM	
D.O.T. Number	Job Title		Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need		H.E.W. Number	Program
Motor Freight																	
900.883	Concrete-Mixing-Truck Driver	840	-	-	50	0	-	-	170	10	70	10	550	50	20	*	
902.883	Dump-Truck Driver	790	-	-	220	70	90	0	260	210	40	0	180	70	200	*	
903.883	Tank-Truck Driver	1,780	50	0	350	10	380	10	270	10	530	40	200	0	100	*	
904.883	Tractor-Trailer-Truck Driver	2,240	360	70	260	10	270	0	440	80	640	90	270	40	140	*	
905.883	Truck Driver, Heavy	4,880	170	230	590	120	770	180	980	310	1,210	280	1,160	350	1,340	*	
906.883	Truck Driver, Light	2,240	20	20	270	30	200	130	350	60	560	170	840	250	880	*	
909.128	Safety Engineer	10	-	-	-	-	-	-	-	-	10	0	-	-	0	*	
909.138-010	Driver Supervisor	10	-	-	-	-	-	-	-	-	10	0	-	-	0	04.19	Transportation
909.883	Garbage Collector I	1,190	-	-	-	-	60	0	80	0	160	10	890	200	420	*	
909.887	Furniture Mover	790	140	20	30	0	20	0	50	0	280	250	270	20	150	*	
909.887	Garbage Collector II	40	-	-	-	-	-	-	-	-	40	40	-	-	80	*	
	Subtotal	14,810	740	340	1,770	240	1,790	320	2,600	680	3,550	890	4,360	980	3,330		

OCCUPATIONAL GROUP		Total State Projected Employment	Area I		Area II		Area III		Area IV		Area V		Area VI		Total State Projected 2 Year Need	INSTRUCTIONAL TRAINING PROGRAM	
D.O.T. Number	Job Title		Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need		H.E.W. Number	Program
Transportation, Other																	
912.384-010	Airport Servicer	40	20	0	-	-	-	-	-	-	20	0	-	-	0	17.0403	Ground Operations
912.887	Lineman	140	-	-	-	-	-	-	-	-	-	-	140	40	40	*	
913.138-010	Road Supervisor	10	-	-	-	-	-	-	-	-	10	0	-	-	0	04.19	Transportation
913.138	Supervisor, Cab	10	-	-	-	-	-	-	-	-	10	0	-	-	0	*	
913.168-014	Dispatcher, Bus or Trolley	260	-	-	-	-	-	-	-	-	10	0	250	60	220	04.19	Transportation
913.168	Taxicab Starter.	10	-	-	10	0	-	-	-	-	-	-	-	-	0	*	
913.463-010	Bus Driver	2,290	70	0	310	10	560	50	450	30	640	90	260	260	5,150	04.19	Transportation
913.463-018	Taxi Driver	2,540	10	0	40	0	-	-	-	-	380	60	2,110	7,000	9,090	04.19	Transportation
913.883	Ambulance Driver	60	-	-	-	-	-	-	-	-	-	-	60	0	0	*	
913.883	Chauffeur	30	-	-	20	0	-	-	-	-	-	-	10	0	0	*	
914.782-014	Oil Pumper	30	30	0	-	-	-	-	-	-	-	-	-	-	0	17.3202	Pumping Plants
914.885-018	Pump Man	50	-	-	-	-	50	10	-	-	-	-	-	-	0	17.3202	Pumping Plants
915.137-010	Car Wash Supervisor	30	-	-	10	0	-	-	20	0	-	-	-	-	0	04.03	Automotive
915.867	Trailer-Rental Attendant	30	-	-	30	0	-	-	-	-	-	-	-	-	0	*	
915.867-010	Automobile-Service-Station Attendant	7,110	640	70	1,080	120	840	310	1,280	460	1,990	510	1,280	280	1,140	04.16	Petroleum
915.878-010	Automobile-Self-Service-Station Attendant	50	-	-	-	-	-	-	-	-	50	20	-	-	20	04.16	Petroleum
915.878-014	Parking-Lot Attendant	90	-	-	-	-	-	-	-	-	30	10	60	20	40	04.03	Automotive
915.878	Parking-Lot Chauffeur	290	20	0	260	0	-	-	-	-	-	-	10	10	0	*	
915.884	Garage Service Worker	260	-	-	90	10	10	0	40	0	50	0	70	20	10	*	
915.884	Tire Repairer	70	-	-	-	-	10	0	30	20	30	10	-	-	0	*	
915.887	Lubrication Worker	70	-	-	30	0	-	-	10	0	30	0	-	-	10	*	
915.887	Taxi Servicer	60	-	-	-	-	-	-	-	-	-	-	60	0	30	*	
919.138	Depot Master	10	-	-	-	-	10	0	-	-	-	-	-	-	0	*	
919.168-010	Dispatcher, Motor Vehicle	40	-	-	-	-	-	-	-	-	-	-	40	0	0	14.0505	Traffic, Rate, & Transportation Clerks
919.168-014	Dispatcher, Traffic of System	70	20	0	10	0	-	-	-	-	20	0	20	0	0	14.0505	Traffic, Rate, & Transportation Clerks
919.368-014	Ticket Agent	10	-	-	-	-	10	0	-	-	-	-	-	-	0	04.19	Transportation
919.368-018	Traffic Checker	10	-	-	10	0	-	-	-	-	-	-	-	-	0	14.0505	Traffic, Rate, & Transportation Clerks
919.478-010	Car-Rental Clerk	50	-	-	-	-	-	-	-	-	50	10	-	-	30	04.03	Automotive
919.883-014	Delivery Worker	40	-	-	30	0	10	10	-	-	-	-	-	-	30	04.08	General Merchandise
919.883	Tow-Truck Operator	140	-	-	-	-	-	-	10	0	-	-	130	50	80	*	
919.887	Yard Worker I	850	-	-	-	-	310	0	380	50	160	40	-	-	100	*	
	Subtotal	14,750	810	70	1,930	140	1,810	380	2,220	560	3,480	750	4,500	7,740	15,990		

OCCUPATIONAL GROUP		Total State Projected Employment	Area I		Area II		Area III		Area IV		Area V		Area VI		Total State Projected 2 Year Need	INSTRUCTIONAL TRAINING PROGRAM	
D.O.T. Number	Job Title		Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need		H.E.W. Number	Program
Packaging & Materials Handling																	
920.132	Packaging Supervisor	70	-	-	-	-	-	-	-	-	70	0	-	-	0	*	
920.885	Packager, Machine	420	-	-	90	0	-	-	20	40	230	110	80	0	190	*	
920.887-022	Bagger	440	-	-	80	30	70	20	170	80	120	80	-	-	210	04.06	Food Distribution
920.887	Packager, Hand	760	30	10	40	10	210	160	20	10	60	680	400	50	130	*	
921.883	Conveyor Operator	790	130	10	30	10	-	-	410	10	170	50	50	0	130	*	
921.883-102	Tractor-Crane Operator	180	-	-	-	-	10	0	-	-	110	0	60	10	10	17.1003	Operation, Heavy Equip.
921.883-110	Truck-Crane Operator	10	10	0	-	-	-	-	-	-	-	-	-	-	0	17.1003	Operation, Heavy Equip.
922.138	Platform Supervisor	100	20	10	-	-	-	-	20	0	50	60	10	0	20	*	
922.883	Fork-Lift-Truck Operator	1,050	-	-	-	-	-	-	-	-	-	-	1,050	100	90	*	
922.883	Straddle-Truck Operator	50	-	-	-	-	-	-	-	-	-	-	50	0	0	*	
922.887	Laboratory-Sample Carrier	10	-	-	10	0	-	-	-	-	-	-	-	-	0	*	
922.887-070	Laborer, Stores	3,820	90	10	190	0	260	210	30	10	320	100	2,930	300	730	04.20	Retail Trade, Other
922.887	Loader I	80	-	-	30	0	-	-	-	-	-	-	50	10	0	*	
922.887	Yard Worker	20	-	-	-	-	-	-	-	-	20	0	-	-	0	*	
929.133-010	Materials-Handling Supervisor	70	-	-	10	0	-	-	10	0	40	0	10	0	0	04.19	Transportation
929.137-026	Yard Worker I	980	60	10	190	30	90	20	320	40	310	60	10	10	100	04.09	Hdwe., Bldg. Materials, Farm & Garden Supplies & Eqp.
929.138	Warehouse Supervisor	290	10	0	20	0	10	0	20	0	120	30	110	10	60	*	
929.885	Baling-Machine Operator	70	-	-	-	-	-	-	-	-	60	30	10	0	60	*	
929.887	Dumper	540	50	40	20	0	120	20	-	-	290	0	60	30	90	*	
929.887	Laborer, Salvage	20	-	-	-	-	-	-	-	-	-	-	20	0	0	*	
929.887-050	Materials Handler	1,970	40	30	-	-	-	-	1,110	100	800	30	20	10	60	04.19	Transportation
	Subtotal	11,740	440	120	710	80	770	430	2,130	290	2,770	1,230	4,920	530	1,880		
Extraction of Minerals																	
932.883	Mechanical-Shovel Operator	10	-	-	-	-	-	-	10	0	-	-	-	-	0	*	
932.887	Chute Loader	10	-	-	-	-	-	-	10	90	-	-	-	-	0	*	
939.887	Quarry Worker	10	-	-	-	-	-	-	-	-	10	0	-	-	0	*	
	Subtotal	30	-	-	-	-	-	-	20	90	10	0	-	-	0		
Production & Distribution of Utilities																	
950.132-010	Refrigerator Supervisor	40	-	-	-	-	-	-	-	-	30	0	10	0	0	17.30	Refrigeration
950.782-054	Stationary Engineer	150	-	-	20	0	-	-	20	0	30	0	80	0	0	17.32	Stationary Energy Sources, Other
951.855-014	Fireman, High-Pressure	50	-	-	50	0	-	-	-	-	-	-	-	-	10	17.32	Stationary Energy Sources, Other

OCCUPATIONAL GROUP		Total State Projected Employment	Area I		Area II		Area III		Area IV		Area V		Area VI		Total State Projected 2 Year Need	INSTRUCTIONAL TRAINING PROGRAM	
D.O.T. Number	Job Title		Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need		H.E.W. Number	Program
952.782-014	Diesel-Plant Operator	150	-	-	70	0	-	-	-	-	80	0	-	-	0	17.3201	Electric Power Generating Plants
952.782-030	Power Plant Operator	40	-	-	30	10	10	0	-	-	-	-	-	-	0	17.32	Stationary Energy Sources, Other
954.782-014	Pump-Station Operator, Waterworks	70	-	-	10	0	-	-	140	0	-	-	-	-	0	17.3202	Pumping Plants
955.782-018	Sewage-Plant Operator	70	-	-	-	-	50	30	20	20	-	-	-	-	20	17.3202	Pumping Plants
955.887	Street Cleaner, Utility Worker	530	10	0	140	0	150	30	60	20	80	20	10	0	60	*	
957.282-014	Control-Room Technician	10	-	-	10	0	-	-	-	-	-	-	-	-	0	16.0108	Electronic Technology
957.282-022	Transmitter Operator	40	-	-	-	-	-	-	-	-	-	-	40	0	0	16.0108	Electronic Technology
957.388	Program-Transmission Supervisor	20	-	-	-	-	-	-	-	-	-	-	20	0	0	*	
	Subtotal	1,170	10	0	330	10	210	60	240	40	220	20	160	0	90		
Amusement, Recreation & Motion Picture																	
960.382	Motion-Picture Projectionist	100	10	0	10	0	-	-	20	0	40	10	20	0	10	*	
969.687	Film Inspector	10	-	-	-	-	-	-	-	-	-	-	10	0	0	*	
	Subtotal	110	10	0	10	0	-	-	20	0	40	10	30	0	10		
Graphic Art Work																	
970.281	Form Designer	30	-	-	-	-	10	10	-	-	20	0	-	-	0	*	
970.281-026	Photograph Retoucher	10	-	-	-	-	-	-	-	-	10	10	-	-	10	17.0901	Photographic Lab. & Darkroom Occupations
970.381-014	Colorist, Photography	20	-	-	-	-	-	-	-	-	-	-	20	0	0	17.0901	Photographic Lab. & Darkroom Occupations
970.381-026	Lay-Out Man II	150	-	-	-	-	-	-	-	-	-	-	150	50	100	17.07	Commercial Art. Occu.
970.381-046	Stripper Apprentice	40	10	0	-	-	-	-	-	-	-	-	30	0	20	17.07	Commercial Art Occu.
971.281-010	Etcher, Hand	10	-	-	-	-	-	-	-	-	10	0	-	-	0	17.1904	Photoengraving
971.381-018	Photoengraver	30	-	-	10	0	20	0	-	-	-	-	-	-	0	17.1904	Photoengraving
971.382-010	Photographer, Photoengraving	10	-	-	10	0	-	-	-	-	-	-	-	-	0	17.1904	Photoengraving
972.381-014	Transferrer I	20	-	-	-	-	-	-	-	-	-	-	20	0	0	17.1903	Lithography, Photography, & Platemaking
972.382-010	Photographer, Lithograph	30	-	-	-	-	-	-	-	-	-	-	30	0	0	17.1903	Lithography, Photography, & Platemaking
973.381-010	Compositor	890	50	0	210	30	80	0	70	10	230	0	250	50	130	17.1901	Composition, Make-Up, & Typesetting
973.381-026	Job Printer	170	-	-	40	10	60	20	30	0	20	0	20	0	0	17.1901	Composition, Make-Up, & Typesetting

OCCUPATIONAL GROUP		Total State Projected Employ-ment	Area I		Area II		Area III		Area IV		Area V		Area VI		Total State Projected 2 Year Need	INSTRUCTIONAL TRAINING PROGRAM	
D.O.T. Number	Job Title		Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need		H.E.W. Number	Program
973.381-030	Job Printer Apprentice	10	-	-	-	-	10	0	-	-	-	-	-	-	0	17.1901	Composition, Make-Up, & Typesetting
973.381-034	Make-Up Man	60	50	10	-	-	-	-	-	-	10	0	-	-	20	17.1901	Composition, Make-Up, & Typesetting
976.381-010	Developer	270	-	-	-	-	-	-	10	0	90	10	170	60	70	17.0901	Photographic Lab. & Darkroom Occupations
976.884-018	Contact-Frame Operator	10	-	-	-	-	-	-	-	-	10	0	-	-	0	17.0901	Photographic Lab. & Darkroom Occupations
976.885-034	X-Ray-Developing-Machine Operator	10	-	-	-	-	-	-	-	-	-	-	10	0	0	17.0901	Photographic Lab. & Darkroom Occupations
976.886-010	Photograph Finisher	10	-	-	-	-	10	0	-	-	-	-	-	-	0	17.0901	Photographic Lab. & Darkroom Occupations
977.781	Bookbinder, Hand	30	-	-	-	-	-	-	-	-	-	-	30	0	20	*	
977.884	Bookbinder	110	-	-	10	0	-	-	-	-	100	20	-	-	0	*	
979.138-010	Production Supervisor	60	-	-	10	0	10	0	20	0	10	0	10	0	0	17.19	Graphic Arts Occupations
979.381-010	Copy Camera Man	130	-	-	-	-	-	-	-	-	70	40	60	0	60	17.0901	Photographic Lab. & Darkroom Occupations
979.782	Blueprinting-Machine Operator	50	-	-	-	-	-	-	-	-	-	-	50	10	20	*	
	Subtotal	2,160	110	10	290	40	200	30	130	10	580	80	850	170	450		
TOTAL–MISCELLANEOUS OCCUPATIONS		44,770	2,120	540	5,040	510	4,780	1,220	7,360	1,670	10,650	2,980	14,820	9,420	21,750		

*No Vocational Instructional Training Program Listed

TABLE 11

OCCUPATIONS WITH NO D.O.T. NUMBER

OCCUPATIONAL GROUP	Total State Projected Employment	Area I		Area II		Area III		Area IV		Area V		Area VI		Total State Projected 2 Year Need	INSTRUCTIONAL TRAINING PROGRAM	
Job Title		Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need	Now	12 Month Need		H.E.W. Number	Program
Teachers Aide	1,160	110	0	240	0	50	60	100	0	500	180	160	90	180	*	
Car Washer	860	90	0	130	20	-	-	60	0	90	20	490	230	290	*	
Pulmonary Technician	40	-	-	20	0	-	-	-	-	-	-	20	0	0	*	
Agriculture Stabilization and Conservation Service Employee	120	-	-	30	0	80	0	10	0	-	-	-	-	0	*	
Bottle Sorter	10	10	10	-	-	-	-	-	-	-	-	-	-	0	*	
City Dump Manager	10	-	-	-	-	-	-	-	-	10	0	-	-	0	*	
Drug Rehabilitation Technician	30	-	-	-	-	-	-	-	-	-	-	30	0	0	*	
Detasseler	150	-	-	-	-	0	200	150	150	-	-	-	-	150	*	
Subtotal	2,380	210	10	420	20	130	260	320	150	600	200	700	320	620		

*No Vocational Instructional Training Program Listed

TABLE 12

PROFESSIONAL, TECHNICAL, AND MANAGERIAL OCCUPATIONS

OCCUPATIONAL DIVISIONS	Projected Employment	Projected Need Next 12 Months	PROJECTED REASON FOR NEED				Projected Need Following 2 Years
			Expansion	Retirement	Promotion	Turnover	
Architecture and Engineering							
Area I	240	100	90	10	0	0	0
Area II	180	40	40	0	0	0	10
Area III	120	20	20	0	0	0	0
Area IV	220	120	110	0	0	10	20
Area V	2,620	300	170	10	20	100	400
Area VI	5,160	790	580	10	0	200	920
Totals	8,540	1,370	1,010	30	20	310	1,350
Mathematics and Physical Sciences							
Area I	0	0	0	0	0	0	0
Area II	10	0	0	0	0	0	0
Area III	100	100	100	0	0	0	90
Area IV	50	10	10	0	0	0	10

OCCUPATIONAL DIVISIONS	Projected Employment	Projected Need Next 12 Months	PROJECTED REASON FOR NEED				Projected Need Following 2 Years
			Expansion	Retirement	Promotion	Turnover	
Area V	490	70	10	0	20	40	70
Area VI	800	0	0	0	0	0	10
Totals	1,450	180	120	0	20	40	180
Life Science							
Area I	110	0	0	0	0	0	20
Area II	30	0	0	0	0	0	0
Area III	80	30	20	0	0	10	10
Area IV	150	0	0	0	0	0	0
Area V	630	30	20	0	0	10	10
Area VI	330	20	10	0	0	10	0
Totals	1,330	80	50	0	0	30	40
Social Science							
Area I	–	–	–	–	–	–	–
Area II	10	0	0	0	0	0	0
Area III	10	0	0	0	0	0	0
Area IV	–	–	–	–	–	–	–
Area V	480	70	30	0	30	10	20
Area VI	30	10	10	0	0	0	20
Totals	530	80	40	0	30	10	40
Medicine and Health							
Area I	2,860	120	80	0	0	40	90
Area II	3,720	260	120	30	0	110	250
Area III	1,820	150	20	0	0	130	200
Area IV	2,090	180	80	0	0	100	140
Area V	3,660	130	30	50	10	40	230
Area VI	11,750	1,820	30	30	0	1,760	1,720
Totals	25,900	2,660	360	110	10	2,180	2,630
Education							
Area I	2,520	40	20	10	0	10	50
Area II	4,340	400	30	0	10	360	550
Area III	2,080	170	50	20	0	100	120
Area IV	5,020	340	10	130	10	190	60
Area V	5,020	460	100	70	0	290	280
Area VI	3,920	480	130	70	10	270	400
Totals	22,900	1,890	340	300	30	1,220	1,460

OCCUPATIONAL DIVISIONS	Projected Employment	Projected Need Next 12 Months	PROJECTED REASON FOR NEED				Projected Need Following 2 Years
			Expansion	Retirement	Promotion	Turnover	
Museum, Library & Archival Sciences							
Area I	60	0	0	0	0	0	0
Area II	20	0	0	0	0	0	0
Area III	10	10	10	0	0	0	0
Area IV	20	0	0	0	0	0	0
Area V	80	10	10	0	0	0	10
Area VI	80	10	10	0	0	0	10
Totals	270	30	30	0	0	0	20
Law and Jurisprudence							
Area I	200	10	10	0	0	0	10
Area II	270	30	20	0	0	10	20
Area III	160	0	0	0	0	0	10
Area IV	370	20	10	0	0	10	0
Area V	1,110	100	70	0	0	30	40
Area VI	2,370	200	90	0	0	110	420
Totals	4,480	360	200	0	0	160	500
Religion and Theology							
Area I	70	10	10	0	0	0	0
Area II	130	0	0	0	0	0	0
Area III	100	10	10	0	0	0	10
Area IV	130	30	30	0	0	0	20
Area V	160	20	20	0	0	0	0
Area VI	290	20	10	0	0	10	10
Totals	880	90	80	0	0	10	40
Writing							
Area I	230	0	0	0	0	0	20
Area II	140	0	0	0	0	0	0
Area III	150	0	0	0	0	0	0
Area IV	150	0	0	0	0	0	10
Area V	680	80	40	0	0	40	70
Area VI	160	0	0	0	0	0	40
Totals	1,510	80	40	0	0	40	140
Art							
Area I	140	80	80	0	0	0	300
Area II	10	0	0	0	0	0	0

OCCUPATIONAL DIVISIONS	Projected Employment	Projected Need Next 12 Months	PROJECTED REASON FOR NEED				Projected Need Following 2 Years
			Expansion	Retirement	Promotion	Turnover	
Area III	150	0	0	0	0	0	10
Area IV	140	0	0	0	0	0	0
Area V	560	50	20	0	0	30	60
Area VI	780	40	30	0	0	10	110
Totals	1,780	170	130	0	0	40	480
Entertainment and Recreation							
Area I	90	10	0	0	0	10	10
Area II	70	0	0	0	0	0	0
Area III	10	20	0	0	0	20	20
Area IV	230	40	0	0	0	40	50
Area V	190	10	0	0	0	10	10
Area VI	390	520	20	0	0	500	1,000
Totals	980	600	20	0	0	580	1,090
Administrative Specializations							
Area I	650	10	10	0	0	0	20
Area II	840	20	0	0	0	20	80
Area III	710	20	0	10	10	0	50
Area IV	910	10	0	0	0	10	40
Area V	5,780	630	210	10	110	300	490
Area VI	6,850	960	620	0	20	320	910
Totals	15,740	1,650	840	20	140	650	1,590
Managers, Officials (Other)							
Area I	1,910	30	10	10	0	10	280
Area II	3,730	150	50	30	0	70	190
Area III	2,040	60	30	10	0	20	20
Area IV	4,230	150	110	10	10	20	90
Area V	9,111	850	160	70	40	580	680
Area VI	9,900	420	120	30	130	140	900
Totals	30,921	1,660	480	160	180	840	2,160
Miscellaneous Professional, Technical and Managerial							
Area I	90	0	0	0	0	0	0
Area II	80	40	0	0	0	40	80
Area III	120	50	50	0	0	0	50

OCCUPATIONAL DIVISIONS	Projected Employment	Projected Need Next 12 Months	PROJECTED REASON FOR NEED				Projected Need Following 2 Years
			Expansion	Retirement	Promotion	Turnover	
Area IV	290	30	20	0	0	10	20
Area V	400	100	0	20	0	80	150
Area VI	1,000	80	30	0	0	50	90
Totals	1,980	300	100	20	0	180	390
TOTAL PROFESSIONAL, TECHNICAL, AND MANAGERIAL OCCUPATIONS	119,191	11,200	3,840	640	430	6,290	12,110

TABLE 13

CLERICAL AND SALES OCCUPATIONS

OCCUPATIONAL DIVISIONS	Projected Employment	Projected Need Next 12 Months	PROJECTED REASON FOR NEED				Projected Need Following 2 Years
			Expansion	Retirement	Promotion	Turnover	
Stenographic, Typing, Filing and Related							
Area I	1,170	80	70	0	0	10	120
Area II	2,210	130	50	10	0	70	210
Area III	1,510	130	80	10	0	40	150
Area IV	2,760	200	90	20	0	90	130
Area V	8,370	1,110	320	40	30	720	1,120
Area VI	28,450	7,910	570	10	520	6,810	5,450
Totals	44,470	9,560	1,180	90	550	7,740	7,180
Computing and Account Recording							
Area I	1,930	40	40	0	0	0	180
Area II	3,210	210	70	0	0	140	220
Area III	1,980	230	80	0	0	150	240
Area IV	3,010	240	70	40	10	120	90
Area V	11,580	2,240	370	40	410	1,420	2,580
Area VI	19,120	2,750	370	150	150	2,080	5,590
Totals	40,830	5,710	1,000	230	570	3,910	8,900

OCCUPATIONAL DIVISIONS	Projected Employment	Projected Need Next 12 Months	PROJECTED REASON FOR NEED				Projected Need Following 2 Years
			Expansion	Retirement	Promotion	Turnover	
Shipping and Receiving Clerks							
Area I	210	40	30	10	0	0	130
Area II	440	60	10	30	0	20	60
Area III	270	70	0	0	0	70	10
Area IV	340	50	20	0	0	30	40
Area V	830	70	10	0	0	60	80
Area VI	3,330	660	60	10	20	570	840
Totals	5,420	950	130	50	20	750	1,160
Information and Message Distribution							
Area I	380	10	0	0	0	10	40
Area II	980	70	30	20	0	20	70
Area III	210	10	0	0	0	10	0
Area IV	580	30	10	0	0	20	50
Area V	6,800	340	50	10	10	270	520
Area VI	7,530	3,580	110	0	20	3,450	320
Totals	16,480	4,040	200	30	30	3,780	1,000
Miscellaneous Clerical							
Area I	210	40	0	0	0	40	30
Area II	160	40	0	0	0	40	0
Area III	70	0	0	0	0	0	0
Area IV	180	10	10	0	0	0	10
Area V	640	50	0	0	0	50	50
Area VI	2,650	890	80	0	60	750	380
Totals	3,910	1,030	90	0	60	880	470
Sales Workers, Services							
Area I	370	60	60	0	0	0	50
Area II	490	30	20	0	0	10	10
Area III	280	40	40	0	0	0	10
Area IV	620	30	30	0	0	0	70
Area V	3,670	720	460	0	0	260	460
Area VI	4,280	320	110	10	0	200	400
Totals	9,710	1,200	720	10	0	470	1,000

OCCUPATIONAL DIVISIONS	Projected Employment	Projected Need Next 12 Months	PROJECTED REASON FOR NEED				Projected Need Following 2 Years
			Expansion	Retirement	Promotion	Turnover	
Sales Workers and Salespersons, Commodities							
Area I	2,060	270	180	0	0	90	210
Area II	5,000	490	220	30	0	240	610
Area III	2,330	280	120	10	0	150	270
Area IV	5,010	620	230	110	30	250	540
Area V	11,250	1,730	420	540	50	720	2,490
Area VI	30,810	5,920	2,180	20	90	3,630	5,160
Totals	56,460	9,310	3,350	710	170	5,080	9,280
Merchandising, except Sales Workers							
Area I	660	40	30	0	0	10	30
Area II	1,450	510	100	0	0	410	880
Area III	640	50	0	0	0	50	70
Area IV	2,070	440	80	20	0	340	430
Area V	2,120	420	50	20	0	350	540
Area VI	5,460	1,460	90	0	40	1,330	2,380
Totals	12,400	2,920	350	40	40	2,490	4,330
TOTAL CLERICAL AND SALES OCCUPATIONS	189,680	34,720	7,020	1,160	1,440	25,100	33,320

TABLE 14
SERVICE OCCUPATIONS

OCCUPATIONAL DIVISIONS	Projected Employment	Projected Need Next 12 Months	PROJECTED REASON FOR NEED				Projected Need Following 2 Years
			Expansion	Retirement	Promotion	Turnover	
Domestic							
Area I	90	0	0	0	0	0	0
Area II	30	0	0	0	0	0	0
Area III	30	0	0	0	0	0	0
Area IV	120	10	0	10	0	0	0
Area V	200	60	30	0	0	30	30
Area VI	150	10	10	0	0	0	0
Totals	620	80	40	10	0	30	30

OCCUPATIONAL DIVISIONS	Projected Employment	Projected Need Next 12 Months	PROJECTED REASON FOR NEED				Projected Need Following 2 Years
			Expansion	Retirement	Promotion	Turnover	
Food & Beverage Preparation and Service							
Area I	4,330	1,010	270	40	0	700	720
Area II	7,170	890	100	50	10	730	1,160
Area III	3,070	430	110	10	0	310	230
Area IV	5,090	970	200	100	0	670	910
Area V	11,360	4,170	180	60	0	3,930	6,960
Area VI	11,810	3,750	300	0	20	3,430	5,430
Totals	42,830	11,220	1,160	260	30	9,770	15,410
Lodging and Related Services							
Area I	380	90	60	0	0	30	40
Area II	740	80	20	0	0	60	10
Area III	120	30	10	0	0	20	0
Area IV	600	100	60	0	0	40	150
Area V	780	90	0	0	0	90	130
Area VI	1,070	200	0	10	0	190	240
Totals	3,690	590	150	10	0	430	570
Barbering, Cosmetology & Related Sciences							
Area I	260	80	80	0	0	0	20
Area II	330	30	20	0	0	10	20
Area III	310	60	60	0	0	0	0
Area IV	560	50	10	10	0	30	10
Area V	1,050	150	100	0	0	50	260
Area VI	1,120	80	40	0	10	30	160
Totals	3,630	450	310	10	10	120	470
Amusement & Recreation Services							
Area I	20	20	0	0	0	20	20
Area II	80	10	10	0	0	0	0
Area III	130	50	0	0	0	50	60
Area IV	360	200	0	0	0	200	200
Area V	20	10	0	0	0	10	10
Area VI	100	10	10	0	0	0	0
Totals	710	300	20	0	0	280	290

OCCUPATIONAL DIVISIONS	Projected Employment	Projected Need Next 12 Months	PROJECTED REASON FOR NEED				Projected Need Following 2 Years
			Expansion	Retirement	Promotion	Turnover	
Miscellaneous, Personal Services							
Area I	1,120	140	100	0	0	40	90
Area II	1,960	300	130	0	30	140	330
Area III	1,500	230	10	0	0	220	280
Area IV	2,140	540	10	0	10	520	1,100
Area V	1,810	300	10	10	0	280	320
Area VI	3,800	930	0	0	0	930	810
Totals	12,330	2,440	260	10	40	2,130	2,930
Apparel and Furnishings Services							
Area I	180	30	20	0	0	10	20
Area II	340	30	10	10	0	10	40
Area III	370	40	0	0	0	40	10
Area IV	710	40	40	0	0	0	20
Area V	470	30	10	0	0	20	30
Area VI	680	130	0	0	0	130	140
Totals	2,750	300	80	10	0	210	260
Protective Services							
Area I	60	0	0	0	0	0	0
Area II	270	20	0	0	0	20	0
Area III	270	90	50	0	0	40	140
Area IV	180	0	0	0	0	0	0
Area V	250	60	20	0	0	40	20
Area VI	4,420	2,130	0	0	20	2,110	4,160
Totals	5,450	2,300	70	0	20	2,210	4,320
Building and Related Services							
Area I	650	50	10	10	0	30	150
Area II	1,370	160	20	20	0	120	140
Area III	800	110	70	10	0	30	100
Area IV	1,230	70	20	10	0	40	110
Area V	3,010	520	50	40	20	410	520
Area VI	3,250	770	140	30	0	600	1,170
Totals	10,310	1,680	310	120	20	1,230	2,190
TOTAL SERVICE OCCUPATIONS	82,320	19,360	2,400	430	120	16,410	26,470

TABLE 15
FARMING, FISHERY, FORESTRY, AND RELATED OCCUPATIONS

OCCUPATIONAL DIVISIONS	Projected Employment	Projected Need Next 12 Months	PROJECTED REASON FOR NEED				Projected Need Following 2 Years
			Expansion	Retirement	Promotion	Turnover	
Plant Farming							
Area I	1,850	2,310	1,440	0	0	870	290
Area II	620	170	50	0	0	120	340
Area III	240	100	50	20	0	30	110
Area IV	660	190	60	20	0	110	240
Area V	1,250	800	580	10	0	210	620
Area VI	940	550	260	20	30	240	790
Totals	5,560	4,120	2,440	70	30	1,580	2,390
Animal Farming							
Area I	3,020	520	240	20	0	260	570
Area II	1,200	300	130	0	0	170	170
Area III	1,590	570	420	0	0	150	520
Area IV	1,050	200	50	0	0	150	270
Area V	250	60	20	0	0	40	20
Area VI	150	10	10	0	0	0	0
Totals	7,260	1,660	870	20	0	770	1,550
Miscellaneous Farming and Related							
Area I	2,720	630	450	10	0	170	250
Area II	3,300	240	120	0	0	120	160
Area III	3,180	260	110	20	0	130	240
Area IV	4,860	600	260	50	0	290	550
Area V	3,860	680	130	30	0	520	720
Area VI	570	70	30	0	0	40	100
Totals	18,490	2,480	1,100	110	0	1,270	2,020
Fishery and Related							
Area I	–	–	–	–	–	–	–
Area II	–	–	–	–	–	–	–
Area III	–	–	–	–	–	–	–
Area IV	–	–	–	–	–	–	–
Area V	–	–	–	–	–	–	–
Area VI	20	0	0	0	0	0	0
Totals	20	0	0	0	0	0	0

OCCUPATIONAL DIVISIONS	Projected Employment	Projected Need Next 12 Months	PROJECTED REASON FOR NEED				Projected Need Following 2 Years
			Expansion	Retirement	Promotion	Turnover	
Agriculture Service							
Area I	240	10	10	0	0	0	0
Area II	460	80	10	0	0	70	120
Area III	720	200	0	30	10	160	260
Area IV	420	50	0	0	0	50	0
Area V	80	40	0	0	0	40	80
Area VI	110	0	0	0	0	0	0
Totals	2,030	380	20	30	10	320	460
Self-Employed Farmers*							
Area I	2,669	83	–	–	–	–	165
Area II	4,794	110	–	–	–	–	221
Area III	12,498	215	–	–	–	–	430
Area IV	15,822	273	–	–	–	–	546
Area V	13,977	225	–	–	–	–	451
Area VI	2,710	45	–	–	–	–	89
Totals	52,470	951	–	–	–	–	1,902
TOTAL FARMING, FISHERY, FORESTRY, AND RELATED OCCUPATIONS	85,830	9,591	4,430	230	40	3,940	8,322

*Based on *Agriculture Statistics*, 1973 Report

TABLE 16

PROCESSING OCCUPATIONS

OCCUPATIONAL DIVISIONS	Projected Employment	Projected Need Next 12 Months	PROJECTED REASON FOR NEED				Projected Need Following 2 Years
			Expansion	Retirement	Promotion	Turnover	
Processing of Metals							
Area I	–	–	–	–	–	–	–
Area II	–	–	–	–	–	–	–
Area III	10	0	0	0	0	0	0
Area IV	–	–	–	–	–	–	–
Area V	200	20	0	0	0	20	20
Area VI	290	0	0	0	0	0	0
Totals	500	20	0	0	0	20	20

OCCUPATIONAL DIVISIONS	Projected Employment	Projected Need Next 12 Months	PROJECTED REASON FOR NEED				Projected Need Following 2 Years
			Expansion	Retirement	Promotion	Turnover	
Ore Refining and Foundry							
Area I	–	–	–	–	–	–	–
Area II	–	–	–	–	–	–	–
Area III	–	–	–	–	–	–	–
Area IV	700	150	0	0	0	150	0
Area V	–	–	–	–	–	–	–
Area VI	–	–	–	–	–	–	–
Totals	700	150	0	0	0	150	0
Processing of Food, Tobacco, & Related Products							
Area I	1,290	470	460	0	0	10	165
Area II	750	200	20	10	0	170	380
Area III	1,920	1,550	1,330	0	0	220	1,615
Area IV	1,330	580	50	30	0	500	940
Area V	1,960	300	40	0	10	250	500
Area VI	2,380	350	10	0	0	340	600
Totals	9,630	3,450	1,910	40	10	1,490	4,200
Processing of Paper & Related Materials							
Area I	–	–	–	–	–	–	–
Area II	–	–	–	–	–	–	–
Area III	–	–	–	–	–	–	–
Area IV	20	10	0	0	0	10	10
Area V	–	–	–	–	–	–	–
Area VI	250	0	0	0	0	0	0
Totals	270	10	0	0	0	10	10
Processing of Petroleum, Coal, Natural and Manufactured Gas and Related Products							
Area I	–	–	–	–	–	–	–
Area II	–	–	–	–	–	–	–
Area III	–	–	–	–	–	–	–
Area IV	–	–	–	–	–	–	–
Area V	–	–	–	–	–	–	–
Area VI	150	80	0	0	0	80	80
Totals	150	80	0	0	0	80	80

OCCUPATIONAL DIVISIONS	Projected Employment	Projected Need Next 12 Months	PROJECTED REASON FOR NEED				Projected Need Following 2 Years
			Expansion	Retirement	Promotion	Turnover	
Processing of Chemicals, Plastics, Synthetics, Rubber, Paint, and Related Products							
Area I	–	–	–	–	–	–	–
Area II	–	–	–	–	–	–	–
Area III	–	–	–	–	–	–	–
Area IV	200	50	10	0	0	40	110
Area V	1,040	0	0	0	0	0	0
Area VI	1,140	0	0	0	0	0	20
Totals	2,380	50	10	0	0	40	130
Processing of Stone, Clay, Glass, and Related Products							
Area I	–	–	–	–	–	–	–
Area II	40	0	0	0	0	0	0
Area III	–	–	–	–	–	–	–
Area IV	240	110	30	0	0	80	100
Area V	2,150	1,070	510	20	0	540	2,000
Area VI	150	30	0	0	0	30	60
Totals	2,580	1,210	540	20	0	650	2,160
Processing of Leather, Textiles, and Related Products							
Area I	–	–	–	–	–	–	–
Area II	–	–	–	–	–	–	–
Area III	–	–	–	–	–	–	–
Area IV	40	20	0	0	10	10	40
Area V	–	–	–	–	–	–	–
Area VI	310	10	0	0	0	10	0
Totals	350	30	0	0	10	20	40
Processing, Other							
Area I	–	–	–	–	–	–	–
Area II	20	0	0	0	0	0	0
Area III	100	100	90	0	0	10	100
Area IV	–	–	–	–	–	–	–
Area V	–	–	–	–	–	–	–
Area VI	90	0	0	0	0	0	0
Totals	210	100	90	0	0	10	100
TOTAL PROCESSING OCCUPATIONS	16,770	5,100	2,550	60	20	2,470	6,740

TABLE 17

MACHINE TRADES OCCUPATIONS

OCCUPATIONAL DIVISIONS	Projected Employment	Projected Need Next 12 Months	PROJECTED REASON FOR NEED				Projected Need Following 2 Years
			Expansion	Retirement	Promotion	Turnover	
Metal Machining							
Area I	50	10	10	0	0	0	0
Area II	480	120	40	0	0	80	220
Area III	70	50	40	0	0	10	50
Area IV	830	100	0	0	0	100	10
Area V	4,740	1,150	220	0	30	900	1,100
Area VI	4,110	1,470	250	0	10	1,210	2,460
Totals	10,280	2,900	560	0	40	2,300	3,840
Metalworking, Other							
Area I	–	–	–	–	–	–	–
Area II	70	0	0	0	0	0	0
Area III	70	0	0	0	0	0	0
Area IV	120	40	0	0	0	40	60
Area V	1,150	100	0	50	0	50	50
Area VI	2,580	370	130	10	20	210	310
Totals	3,990	510	130	60	20	300	420
Mechanics & Machinery Repairman							
Area I	950	190	180	10	0	0	140
Area II	1,820	270	140	10	10	110	280
Area III	1,180	230	130	10	0	90	220
Area IV	2,340	490	290	60	10	130	270
Area V	4,390	940	470	40	0	430	1,000
Area VI	6,020	870	230	50	10	580	1,690
Totals	16,700	2,990	1,440	180	30	1,340	3,600
Paperworking							
Area I	–	–	–	–	–	–	–
Area II	–	–	–	–	–	–	–
Area III	–	–	–	–	–	–	–
Area IV	200	40	20	0	0	20	240
Area V	1,170	140	0	0	0	140	10
Area VI	170	30	0	0	0	30	0
Totals	1,540	210	20	0	0	190	250

OCCUPATIONAL DIVISIONS	Projected Employment	Projected Need Next 12 Months	PROJECTED REASON FOR NEED				Projected Need Following 2 Years
			Expansion	Retirement	Promotion	Turnover	
Printing							
Area I	340	20	20	0	0	0	40
Area II	110	10	0	0	0	10	0
Area III	30	0	0	0	0	0	0
Area IV	340	60	40	0	0	20	10
Area V	1,050	160	40	0	20	100	140
Area VI	760	180	10	0	0	170	420
Totals	2,630	430	110	0	20	300	610
Wood Machining							
Area I	380	60	30	10	0	20	40
Area II	50	20	20	0	0	0	20
Area III	10	0	0	0	0	0	0
Area IV	–	–	–	–	–	–	–
Area V	230	60	60	0	0	0	20
Area VI	550	70	60	0	0	10	130
Totals	1,220	210	170	10	0	30	210
Textile							
Area I	–	–	–	–	–	–	–
Area II	–	–	–	–	–	–	–
Area III	–	–	–	–	–	–	–
Area IV	660	290	10	20	70	190	560
Area V	–	–	–	–	–	–	–
Area VI	–	–	–	–	–	–	–
Totals	660	290	10	20	70	190	560
Machine Trades, Other							
Area I	–	–	–	–	–	–	–
Area II	–	–	–	–	–	–	–
Area III	–	–	–	–	–	–	–
Area IV	40	0	0	0	0	0	20
Area V	220	80	30	0	10	40	110
Area VI	60	10	0	0	0	10	20
Totals	320	90	30	0	10	50	150
TOTAL MACHINE TRADES OCCUPATIONS	37,340	7,630	2,470	270	190	4,700	9,640

TABLE 18

BENCH WORK OCCUPATIONS

OCCUPATIONAL DIVISIONS	Projected Employment	Projected Need Next 12 Months	PROJECTED REASON FOR NEED				Projected Need Following 2 Years
			Expansion	Retirement	Promotion	Turnover	
Fabrication, Assembly & Repair of Metal Products							
Area I	–	–	–	–	–	–	–
Area II	20	0	0	0	0	0	0
Area III	170	0	0	0	0	0	30
Area IV	30	0	0	0	0	0	0
Area V	2,510	110	50	10	0	50	660
Area VI	1,160	550	280	0	0	270	500
Totals	3,890	660	330	10	0	320	1,190
Fabrication & Repair of Scientific & Medical Apparatus, Photographic and Optical Goods, Watches and Clocks, and Related Products							
Area I	–	–	–	–	–	–	–
Area II	90	10	0	10	0	0	0
Area III	60	0	0	0	0	0	0
Area IV	140	20	20	0	0	0	0
Area V	110	20	20	0	0	0	0
Area VI	630	100	20	0	0	80	30
Totals	1,030	150	60	10	0	80	30
Assembly & Repair of Electrical Equipment							
Area I	150	60	0	0	0	60	50
Area II	270	80	50	0	0	30	120
Area III	30	10	0	0	0	10	0
Area IV	160	10	10	0	0	0	20
Area V	180	30	20	0	0	10	20
Area VI	330	20	20	0	0	0	10
Totals	1,120	210	100	0	0	110	220
Fabrication & Repair of Products made from Assorted Materials							
Area I	60	0	0	0	0	0	0
Area II	310	50	50	0	0	0	50
Area III	290	20	20	0	0	0	140

OCCUPATIONAL DIVISIONS	Projected Employ-ment	Projected Need Next 12 Months	PROJECTED REASON FOR NEED				Projected Need Following 2 Years
			Expan-sion	Retire-ment	Pro-motion	Turn-over	
Area IV	90	40	20	0	10	10	40
Area V	130	0	0	0	0	0	0
Area VI	610	250	0	0	0	250	500
Totals	1,490	360	90	0	10	260	730
Painting, Decorating & Related							
Area I	50	40	40	0	0	0	180
Area II	20	10	0	0	0	10	10
Area III	–	–	–	–	–	–	–
Area IV	70	20	0	0	0	20	30
Area V	–	–	–	–	–	–	–
Area VI	250	0	0	0	0	0	0
Totals	390	70	40	0	0	30	220
Fabrication & Repair of Plastics, Synthetics, Rubber and Related Products							
Area I	90	0	0	0	0	0	40
Area II	–	–	–	–	–	–	–
Area III	–	–	–	–	–	–	–
Area VI	–	–	–	–	–	–	–
Area V	–	–	–	–	–	–	–
Area VI	120	70	70	0	0	0	70
Totals	210	70	70	0	0	0	110
Fabrication & Repair of Wood Products							
Area I	–	–	–	–	–	–	–
Area II	10	30	20	0	0	10	50
Area III	–	–	–	–	–	–	–
Area IV	–	–	–	–	–	–	–
Area V	–	–	–	–	–	–	–
Area VI	360	130	90	0	0	40	220
Totals	370	160	110	0	0	50	270
Fabrication & Repair of Sand, Stone, Clay and Glass Products							
Area I	–	–	–	–	–	–	–
Area II	–	–	–	–	–	–	–

OCCUPATIONAL DIVISIONS	Projected Employment	Projected Need Next 12 Months	PROJECTED REASON FOR NEED				Projected Need Following 2 Years
			Expansion	Retirement	Promotion	Turnover	
Area III	30	40	0	0	0	40	0
Area IV	–	–	–	–	–	–	–
Area V	20	0	0	0	0	0	0
Area VI	60	20	0	0	0	20	20
Totals	110	60	0	0	0	60	20
Fabrication & Repair of Textiles, Leather, and Related Products							
Area I	50	0	0	0	0	0	0
Area II	220	0	0	0	0	0	20
Area III	40	0	0	0	0	0	0
Area IV	250	110	30	0	0	80	120
Area V	940	330	270	0	0	60	100
Area VI	2,000	610	130	10	0	470	1,130
Totals	3,500	1,050	430	10	0	610	1,370
Bench Work, Other							
Area I	–	–	–	–	–	–	–
Area II	–	–	–	–	–	–	–
Area III	–	–	–	–	–	–	–
Area IV	880	140	90	0	10	40	120
Area V	–	–	–	–	–	–	–
Area VI	520	260	0	0	0	260	500
Totals	1,400	400	90	0	10	300	620
TOTAL BENCH WORK OCCUPATIONS	13,510	3,190	1,320	30	20	1,820	4,780

TABLE 19
STRUCTURAL WORK OCCUPATIONS

OCCUPATIONAL DIVISIONS	Projected Employment	Projected Need Next 12 Months	PROJECTED REASON FOR NEED				Projected Need Following 2 Years
			Expansion	Retirement	Promotion	Turnover	
Metal Fabrication, Other							
Area I	360	300	240	10	0	50	890
Area II	570	160	90	10	0	60	120
Area III	120	30	30	0	0	0	40

OCCUPATIONAL DIVISIONS	Projected Employment	Projected Need Next 12 Months	PROJECTED REASON FOR NEED				Projected Need Following 2 Years
			Expansion	Retirement	Promotion	Turnover	
Area IV	930	300	220	10	0	70	260
Area V	2,220	1,770	220	0	0	1,550	3,320
Area VI	6,360	230	40	10	0	180	280
Totals	10,560	2,790	840	40	0	1,910	4,910
Welders, Flame Cutters, and Related							
Area I	220	240	230	0	0	10	700
Area II	450	20	0	0	0	20	50
Area III	80	10	10	0	0	0	0
Area IV	750	180	140	0	0	40	70
Area V	1,000	110	10	0	0	100	130
Area VI	2,950	580	240	0	20	320	520
Totals	5,450	1,140	630	0	20	490	1,470
Electrical Assembling, Installing, and Repairing							
Area I	280	100	80	10	0	10	70
Area II	720	50	20	0	10	20	100
Area III	330	50	10	0	0	40	40
Area IV	690	170	40	10	50	70	60
Area V	680	120	110	0	0	10	30
Area VI	9,020	1,530	670	0	0	860	120
Totals	11,720	2,020	930	20	60	1,010	420
Painting, Plastering, Waterproofing, Cementing, and Related							
Area I	240	110	40	10	0	60	40
Area II	460	110	20	10	0	80	180
Area III	180	30	30	0	0	0	20
Area IV	200	60	60	0	0	0	40
Area V	830	270	70	0	0	200	310
Area VI	3,420	750	120	0	0	630	400
Totals	5,330	1,330	340	20	0	970	990
Excavating, Grading, Paving & Related							
Area I	90	0	0	0	0	0	0
Area II	990	180	90	0	0	90	230

OCCUPATIONAL DIVISIONS	Projected Employment	Projected Need Next 12 Months	PROJECTED REASON FOR NEED				Projected Need Following 2 Years
			Expansion	Retirement	Promotion	Turnover	
Area III	1,170	60	40	0	0	20	70
Area IV	1,730	630	210	30	20	370	270
Area V	610	540	510	0	0	30	870
Area VI	990	440	40	0	0	400	310
Totals	5,580	1,850	890	30	20	910	1,750
Construction, Other							
Area I	1,030	110	60	0	0	50	80
Area II	1,500	290	170	10	0	110	350
Area III	1,350	190	50	20	0	120	230
Area IV	2,460	380	130	40	0	210	770
Area V	5,300	2,910	1,930	30	0	950	2,750
Area VI	11,050	2,740	430	30	0	2,280	2,850
Totals	22,690	6,620	2,770	130	0	3,720	7,030
Structural Work, Other							
Area I	410	10	10	0	0	0	0
Area II	260	10	0	10	0	0	10
Area III	200	80	50	10	10	10	40
Area IV	990	0	0	0	0	0	100
Area V	900	120	30	0	0	90	130
Area VI	630	90	0	0	0	90	100
Totals	3,390	310	90	20	10	190	380
TOTAL STRUCTURAL WORK OCCUPATIONS	64,720	16,060	6,490	260	110	9,200	16,950

TABLE 20

MISCELLANEOUS OCCUPATIONS

OCCUPATIONAL DIVISIONS	Projected Employment	Projected Need Next 12 Months	PROJECTED REASON FOR NEED				Projected Need Following 2 Years
			Expansion	Retirement	Promotion	Turnover	
Motor Freight							
Area I	740	340	210	0	0	130	220
Area II	1,770	240	90	0	0	150	330
Area III	1,790	320	170	20	0	130	220

OCCUPATIONAL DIVISIONS	Projected Employment	Projected Need Next 12 Months	PROJECTED REASON FOR NEED				Projected Need Following 2 Years
			Expansion	Retirement	Promotion	Turnover	
Area IV	2,600	680	230	50	0	400	720
Area V	3,550	890	450	0	10	430	460
Area VI	4,360	980	130	20	0	830	1,380
Totals	14,810	3,450	1,280	90	10	2,070	3,330
Transportation, Other							
Area I	810	70	10	0	0	60	80
Area II	1,930	140	70	0	0	70	110
Area III	1,810	380	100	10	0	270	60
Area IV	2,220	560	50	140	0	370	300
Area V	3,480	750	120	80	0	550	850
Area VI	4,500	7,740	70	20	0	7,650	14,590
Totals	14,750	9,640	420	250	0	8,970	15,990
Packaging & Materials Handling							
Area I	440	120	60	10	0	50	110
Area II	710	80	40	10	0	30	70
Area III	770	430	320	0	0	110	300
Area IV	2,130	290	90	0	0	200	250
Area V	2,770	1,230	780	20	0	430	620
Area VI	4,920	530	160	10	40	320	530
Totals	11,740	2,680	1,450	50	40	1,140	1,880
Extraction of Minerals							
Area I	–	–	–	–	–	–	–
Area II	–	–	–	–	–	–	–
Area III	–	–	–	–	–	–	–
Area IV	20	90	90	0	0	0	0
Area V	10	0	0	0	0	0	0
Area VI	–	–	–	–	–	–	–
Totals	30	90	90	0	0	0	0
Production & Distribution of Utilities							
Area I	10	0	0	0	0	0	0
Area II	330	10	0	10	0	0	10
Area III	210	60	20	0	0	40	50
Area IV	240	40	10	0	0	30	10

OCCUPATIONAL DIVISIONS	Projected Employment	Projected Need Next 12 Months	PROJECTED REASON FOR NEED				Projected Need Following 2 Years
			Expansion	Retirement	Promotion	Turnover	
Area V	220	20	20	0	0	0	20
Area VI	160	0	0	0	0	0	0
Totals	1,170	130	50	10	0	70	90
Amusement, Recreation & Motion Picture							
Area I	10	0	0	0	0	0	0
Area II	10	0	0	0	0	0	0
Area III	–	–	–	–	–	–	–
Area IV	20	0	0	0	0	0	0
Area V	40	10	0	0	0	10	10
Area VI	30	0	0	0	0	0	0
Totals	110	10	0	0	0	10	10
Graphic Art Work							
Area I	110	10	10	0	0	0	10
Area II	290	40	0	0	0	40	0
Area III	200	30	10	0	0	20	10
Area IV	130	10	10	0	0	0	10
Area V	580	80	20	0	10	50	100
Area VI	850	170	20	10	20	120	320
Totals	2,160	340	70	10	30	230	450
TOTAL MISCELLANEOUS OCCUPATIONS	44,770	16,340	3,360	410	80	12,490	21,750

TABLE 21
OCCUPATIONS WITH NO D.O.T. NUMBER

OCCUPATIONAL DIVISIONS	Projected Employment	Projected Need Next 12 Months	PROJECTED REASON FOR NEED				Projected Need Following 2 Years
			Expansion	Retirement	Promotion	Turnover	
Area I	210	10	10	0	0	0	0
Area II	420	20	0	0	0	20	30
Area III	130	260	240	0	0	20	0
Area IV	320	150	0	0	0	150	150
Area V	600	200	130	10	0	60	100
Area VI	700	320	0	0	0	320	340
Totals	2,380	960	380	10	0	570	620

PROJECTIONS BY VOCATIONAL INSTRUCTIONAL TRAINING PROGRAMS

Tables 22 through 30 list needs by the seven major areas of Vocational Education and lists only those job titles with a corresponding vocational instructional training program from Section One of this study.

Grouping of Vocational Instructional Training Programs enables the vocational program planner to identify instructional components common to the seven major areas of Vocational Education.

Several Vocational Instructional Training Programs may overlap in preparing persons for employment in an Occupational Division. Therefore, it is necessary that planners become familiar with the detailed descriptions of both occupational titles and Vocational Instructional Training Programs.

Only the totals for "Projected Employment", "Projected Need Next 12 Months", and "Projected Need Following 2 Years" has been presented in this section. Reason for need related to "Expansion", "Retirement", "Promotion", and "Turnover" can be identified for vocational programs, by locating the major division that includes the desired program, in section one, and checking the reason for need in section two of this study.

TABLE 22

SUMMARY BY MAJOR VOCATIONAL TECHNICAL AREA

	Now Employed		Projected Future Needs			
			Projected Next 12 Months		Projected Following 2 Years	
	Number	Percent of Total	Number	Percent of Total	Number	Percent of Total
Agricultural Occupations	100,560[a]	18.8	13,661[b]	13.8	12,122[b]	11.2
Distributive Occupations	131,070	24.5	25,840	25.9	33,440	30.9
Health Occupations	30,420	5.7	4,710	4.7	5,360	5.0
Home Economics Occupations	5,020	1.0	830	.8	760	.7
Office Occupations	113,600	21.2	20,360	20.4	17,020	15.7
Technology Occupations	3,020	.7	600	.6	640	.6
Trade and Industrial Occupations	150,530	28.1	33,730	33.8	38,800	35.9
Totals	534,220		99,731		108,142	

[a]Includes self-employed farmers, Nebraska Department of Agriculture, Nebraska Agricultural Statistics, loc cit.

[b]Genereaux, Douglas, loc. cit.

TABLE 23

PROJECTIONS FOR AGRICULTURAL OCCUPATIONS

INSTRUCTIONAL TRAINING AREA	Projected Employment	Projected Future Needs	
		Next 12 Months	Following 2 Years
01.0100 Agricultural Production	18,840	2,540	1,970
01.0101 Animal Science	7,440	1,720	1,550
01.0102 Plant Science	1,850	2,130	180
01.0104 Farm Business Management	840	30	10
01.0200 Agricultural Supplies/Services	300	30	10
01.0201 Agricultural Chemicals	130	50	80
01.0202 Feeds	3,870	500	400
01.0203 Seeds	—	—	—
01.0299 Agricultural Supplies/Services, Other	680	80	50
01.0300 Agricultural Mechanics	—	—	—
01.0301 Agricultural Power and Machinery	3,640	1,110	1,010
01.0304 Water Management	190	190	40

INSTRUCTIONAL TRAINING AREA		Projected Employment	Projected Future Needs	
			Next 12 Months	Following 2 Years
01.0400	Agricultural Products (Processing, Inspection and Marketing)	–	–	–
01.0401	Food Products	7,340	2,710	3,270
01.0402	Nonfood Products	–	–	–
01.0500	Ornamental Horticulture (Production, Processing, Marketing & Services)	–	–	–
01.0501	Arboriculture	60	50	60
01.0502	Floriculture	210	50	40
01.0504	Landscaping	1,130	420	370
01.0505	Nursery Operation and Management	730	740	810
01.0506	Turf Management	230	280	300
01.0600	Agricultural Resources (Conservation, Utilization and Services)	–	–	–
01.0601	Forest	–	–	–
01.0602	Recreation	30	20	0
01.0603	Soil	340	20	40
01.0604	Wildlife (Incl. Game Farms & Hunting Areas)	–	–	–
01.0605	Water	–	–	–
01.0607	Fish (Incl. Farms & Hatcheries)	20		
01.0700	Forestry (Production, Processing, Management, Marketing & Services)	–	–	–
01.0703	Logging (Harvesting & Transporting)	–	–	–
01.0706	Special Products	–	–	–
01.9900	Agriculture, Other	220	40	30
	Self Employed	52,470[a]	951[b]	1,902[b]
	Total	100,560	13,661	12,122

[a]Nebraska Department of Agriculture, Nebraska Agricultural Statistics, loc. cit.

[b]Genereaux, Douglas, loc. cit.

TABLE 24
PROJECTIONS FOR DISTRIBUTIVE OCCUPATIONS

INSTRUCTIONAL TRAINING AREA		Projected Employment	Projected Future Needs	
			Next 12 Months	Following 2 Years
04.0100	Advertising Services	1,920	120	150
04.0200	Apparel and Accessories	7,380	1,460	2,430
04.0300	Automotive	8,480	1,040	960
04.0400	Finance and Credit	5,910	600	900
04.0500	Floristry	1,020	160	160
04.0600	Food Distribution	11,380	2,070	2,420
04.0700	Food Services	3,380	160	300
04.0800	General Merchandise	30,720	3,410	5,050
04.0900	Hardware, Building Materials, Farm and Garden Supplies & Equip.	6,980	880	1,060
04.1000	Home Furnishings	2,740	480	670
04.1100	Hotel and Lodging	1,320	40	90
04.1200	Industrial Marketing	7,960	760	850
04.1300	Insurance	6,000	680	890
04.1400	International Trade	–	–	–

INSTRUCTIONAL TRAINING AREA		Projected Employment	Projected Future Needs	
			Next 12 Months	Following 2 Years
04.1500	Personal Services	1,140	80	80
04.1600	Petroleum	7,480	1,790	1,140
04.1700	Real Estate	4,940	520	470
04.1800	Recreation and Tourism	2,670	360	370
04.1900	Transportation	7,840	7,730	14,530
04.2000	Retail Trade, Other	10,380	3,480	730
04.3100	Wholesale Trade, Other	1,070	20	160
04.9900	Distributive Education, Other	360	0	30
	Total	131,070	25,840	33,440

TABLE 25

PROJECTIONS FOR HEALTH OCCUPATIONS

INSTRUCTIONAL TRAINING AREA		Projected Employment	Projected Future Needs	
			Next 12 Months	Following 2 Years
07.0100	Dental	1,090	100	90
07.0101	Dental Assisting	100	10	0
07.0102	Dental Hygiene (Associate Degree)	120	20	0
07.0103	Dental Laboratory Technology	–	–	–
07.0200	Medical Laboratory Technology	–	–	–
07.0201	Cytology (Cytotechnology)	30	0	0
07.0202	Histology	1,940	230	250
07.0203	Medical Laboratory Assisting	–	–	–
07.0204	Hematology	–	–	–
07.0300	Nursing	9,130	1,190	1,240
07.0301	Nursing (Associate Degree)	3,920	490	490
07.0302	Practical (Vocational) Nursing	10,850	2,230	2,810
07.0303	Nursing Assistance (Aid)	–	–	–
07.0304	Psychiatric Aid	190	0	0
07.0305	Surgical Technician (Operating Room Technician)	–	–	–
07.0306	Obstetrical Technician	10	0	0
07.0307	Home Health Aid	–	–	–
07.0400	Rehabilitation	20	0	10
07.0401	Occupational Therapy	190	50	50
07.0402	Physical Therapy	30	0	0
07.0403	Prosthetics	70	0	0
07.0404	Orthotics	–	–	–
07.0500	Radiologic	820	90	90
07.0501	Radiologic Technology (X-Ray)	60	0	0
07.0503	Nuclear Medical Technology	–	–	–
07.0600	Ophthalmic	230	20	50
07.0601	Ophthalmic Dispensing	–	–	–
07.0602	Orthoptics	–	–	–
07.0700	Environmental Health Assistant	–	–	–
07.0702	Radiological Health Technician	–	–	–
07.0703	Sanitarian Assistant	–	–	–
07.0800	Mental Health Technology	–	–	–
07.0900	Miscellaneous Health Occupations Education	80	10	10
07.0901	Electroencephalograph Technician	120	30	20
07.0902	Electrocardiograph Technician			

INSTRUCTIONAL TRAINING AREA		Projected Employment	Projected Future Needs	
			Next 12 Months	Following 2 Years
07.0903	Inhalation Therapy	320	70	50
07.0904	Medical Assistant (Assistant to Physician's Office)	540	60	50
07.0905	Central Supply Technician	350	80	80
07.0907	Medical Emergency Technician	90	0	0
07.0909	Mortuary Science	120	30	70
	Totals	30,420	4,710	5,360

TABLE 26

PROJECTIONS FOR HOME ECONOMICS OCCUPATIONS

INSTRUCTIONAL TRAINING AREA		Projected Employment	Projected Future Needs	
			Next 12 Months	Following 2 Years
09.0200	Occupational Preparation	–	–	–
09.0201	Care and Guidance of Children	330	80	70
09.0202	Clothing Management, Production, and Services	20	0	0
09.0203	Food Management, Production and Services	540	50	80
09.0204	Home Furnishings, Equipment, and Services	160	30	30
09.0205	Institutional and Home Management and Supporting Services	3,970	670	580
	Totals	5,020	830	760

TABLE 27

PROJECTIONS FOR OFFICE OCCUPATIONS

INSTRUCTIONAL TRAINING AREA		Projected Employment	Projected Future Needs	
			Next 12 Months	Following 2 Years
14.0100	Accounting and Computing Occupations	–	–	–
14.0101	Accountants	220	10	10
14.0102	Bookkeepers	14,430	970	1,270
14.0103	Cashiers	1,040	180	180
14.0104	Machine Operators: Billing, Bookkeeping and Computing	540	0	100
14.0105	Tellers	2,700	490	460
14.0199	Accounting and Computing Occupations, Other	40	0	0
14.0200	Business Data Processing Systems Occupations	120	0	10
14.0201	Computer and Console Operators	2,620	300	280
14.0202	Peripheral Equipment Operators and Keypunch and Coding	2,240	380	660
14.0203	Programmers	430	50	30
14.0204	Systems Analysts	170	30	10

INSTRUCTIONAL TRAINING AREA		Projected Employment	Projected Future Needs	
			Next 12 Months	Following 2 Years
14.0300	Filing, Office Machines, and General Office Clerical Occupations	–	–	–
14.0301	Duplicating Machine Operators	60	40	10
14.0302	File Clerks	3,020	1,550	1,570
14.0303	General Office Clerks	16,380	2,830	4,590
14.0399	Filing, Office Machines, and General Office Clerical Occupations, Other	13,600	4,340	420
14.0400	Information Communications Occupations	–	–	–
14.0401	Communication Systems Clerks and Operators	4,630	3,340	110
14.0402	Correspondence Clerks	40	10	10
14.0403	Mail and Postal Clerks	5,690	130	270
14.0404	Mail-preparing and Mail-handling Machine Operators	10	0	0
14.0405	Messengers and Office Boys and Girls	160	60	100
14.0406	Receptionists and Information Clerks	5,700	470	420
14.0499	Information Communication Occupations, Other	700	30	20
14.0500	Materials Support Occupations (Transporting, Storing and Recording)	–	–	–
14.0501	Planning and Production Clerks	440	10	10
14.0502	Quality Control Clerks	–	–	–
14.0503	Shipping and Receiving Clerks	1,580	280	410
14.0504	Stock and Inventory Clerks	340	20	70
14.0505	Traffic, Rate, and Transportation Clerks	140	0	0
14.0599	Materials Support Occupations (Transporting, Storing and Recording), Other	40	0	0
14.0600	Personnel, Training, and Related Occupations	–	–	–
14.0601	Educational Assistants and Training Specialists	30	0	0
14.0602	Interviewers and Test Technicians	560	410	160
14.0603	Personnel Assistants	700	90	60
14.0699	Personnel, Training, and Related Occupations, Other	20	0	0
14.0700	Stenographic, Secretarial, and Related Occupations	–	–	–
14.0701	Executive Secretary	310	10	10
14.0702	Secretaries	21,790	2,560	3,900
14.0703	Stenographers	750	100	40
14.0800	Supervisory and Administrative Management Occupations	–	–	–
14.0801	Administrative Assistants	640	60	60
14.0802	Budget Management Analysts	320	50	0
14.0804	Data-Methods and System-Procedures Analysts	–	–	–
14.0805	Office Managers and Chief Clerks	4,670	360	270
14.0899	Supervisory and Administrative Management Occupations, Other	450	80	90
14.0900	Typing and Related Occupations	–	–	–
14.0901	Clerk-Typist	1,140	200	240
14.0902	Typists	4,110	750	950
14.9900	Office Occupations, Others	1,030	170	220
	Totals	113,600	20,360	17,020

TABLE 28

PROJECTIONS FOR TECHNOLOGY OCCUPATIONS

INSTRUCTIONAL TRAINING AREA		Projected Employment	Projected Future Needs	
			Next 12 Months	Following 2 Years
16.0101	Aeronautical Technology	10	0	0
16.0103	Architectural Technology (Building Construction)	–	–	–
16.0104	Automotive Technology	–	–	–
16.0105	Chemical Technology	450	90	90
16.0106	Civil Technology	40	0	0
16.0107	Electrical Technology	20	0	0
16.0108	Electronic Technology	230	40	40
16.0109	Electromechanical Technology	–	–	–
16.0110	Environmental-Control Technology	–	–	–
16.0111	Industrial Technology	80	20	20
16.0112	Instrumentation Technology	80	30	30
16.0113	Mechanical Technology	740	260	220
16.0114	Metallurgical Technology	–	–	–
16.0115	Nuclear Technology	–	–	–
16.0116	Petroleum Technology	910	150	200
16.0117	Scientific Data Processing	–	–	–
16.0199	Engineering-Related Technology, Other	–	–	–
16.0200	Agricultural-Related Technology	150	0	10
16.0203	Food Processing Technology	80	0	10
16.0499	Office-Related Technology, Other	20	0	0
16.0601	Commercial Pilot Training	210	10	20
16.0602	Fire and Fire Safety Technology	–	–	–
16.0699	Miscellaneous Technical Education, Other	–	–	–
	Totals	3,020	600	640

TABLE 29

PROJECTIONS FOR TRADE AND INDUSTRIAL OCCUPATIONS

INSTRUCTIONAL TRAINING AREA		Projected Employment	Projected Future Needs	
			Next 12 Months	Following 2 Years
17.0100	Air Conditioning	50	20	10
17.0101	Cooling	350	100	90
17.0102	Heating	290	20	30
17.0103	Ventilating (Filtering and Humidification)	–	–	–
17.0200	Appliance Repair	240	50	50
17.0201	Electrical Appliances	370	80	80
17.0202	Gas Appliances	670	80	150
17.0300	Automotive	140	90	150
17.0301	Body and Fender	2,020	350	540
17.0302	Mechanics	8,590	1,530	2,160
17.0303	Specialization, Other	290	80	70
17.0400	Aviation Occupations	–	–	–
17.0401	Aircraft Maintenance	440	80	80
17.0402	Aircraft Operations	10	0	0
17.0403	Ground Operations	40	0	0

INSTRUCTIONAL TRAINING AREA		Projected Employment	Projected Future Needs	
			Next 12 Months	Following 2 Years
17.0500	Blueprint Reading	–	–	–
17.0600	Business Machine Maintenance	320	10	40
17.0700	Commercial Art Occupations	260	50	130
17.0701	Interior Decorating	230	10	20
17.0702	Window Display	–	–	–
17.0703	Product Design	120	70	310
17.0800	Commercial Fishery Occupations	–	–	–
17.0801	Seamanship	–	–	–
17.0802	Ship and Boat Operation and Maintenance	–	–	–
17.0899	Commercial Fishery Occupations, Other	–	–	–
17.0900	Commercial Photography Occupations	–	–	–
17.0901	Photographic Laboratory and Darkroom Occupations	460	120	140
17.1000	Construction and Maintenance Trades	2,850	300	360
17.1001	Carpentry	9,140	2,570	2,350
17.1002	Electricity	2,740	370	150
17.1003	Heavy Equipment	6,410	1,870	1,740
17.1004	Masonry	1,370	330	380
17.1005	Painting and Decorating	720	270	230
17.1006	Plastering	230	0	0
17.1007	Plumbing and Pipefitting	2,420	960	1,200
17.1008	Dry-Wall Installation	790	130	220
17.1009	Glazing	150	0	0
17.1010	Roofing	740	160	260
17.1099	Construction and Maintenance Trades, Other	6,530	1,600	1,290
17.1100	Custodial Services	10,680	1,670	2,170
17.1200	Diesel Mechanic	290	120	100
17.1300	Drafting	2,320	460	400
17.1400	Electrical Occupations	5,080	610	0
17.1401	Industrial Electrician	120	10	0
17.1402	Lineman	2,550	850	80
17.1403	Motor Repairman	170	20	30
17.1500	Electronics Occupations	210	80	70
17.1501	Communications	260	0	30
17.1502	Industrial Electronics	–	–	–
17.1503	Radio/Television	470	70	40
17.1600	Fabric Maintenance Services	370	10	0
17.1601	Drycleaning	290	50	10
17.1602	Laundering	1,630	180	190
17.1699	Fabric Maintenance Services, Other	10	0	0
17.1700	Foremanship, Supervision and Management Development	–	–	–
17.1900	Graphic Arts Occupations	110	0	0
17.1901	Composition, Makeup, and Typesetting	1,750	180	170
17.1902	Printing Press Occupations	1,860	390	380
17.1903	Lithography, Photography, and Platemaking	50	0	0
17.1904	Photoengraving	50	0	0
17.1905	Silk Screen Making and Printing	–	–	–
17.1906	Bookbinding	250	50	150
17.1999	Graphic Arts, Other	10	0	0
17.2000	Industrial Atomic Energy	–	–	–

INSTRUCTIONAL TRAINING AREA		Projected Employment	Projected Future Needs	
			Next 12 Months	Following 2 Years
17.2001	Installation, Operation, and Maintenance of Reactors	–	–	–
17.2002	Radiography	–	–	–
17.2003	Industrial Uses of Radioisotopes	–	–	–
17.2099	Industrial Atomic Energy, Other	–	–	–
17.2100	Instrument Maintenance and Repair	–	–	–
17.2101	Instruments (Other Than Watches and Clocks)	550	100	0
17.2102	Watchmaking and Repair	100	20	0
17.2200	Maritime Occupations	30	0	0
17.2300	Metalworking	–	–	–
17.2301	Foundry	720	150	0
17.2302	Machine Shop	7,700	2,440	3,200
17.2303	Machine Tool Operation	840	60	50
17.2304	Metal Trades, Combined	5,780	1,760	3,070
17.2305	Sheet Metal	3,790	300	160
17.2306	Welding and Cutting	5,450	1,140	1,470
17.2307	Tool and Die Making	1,770	440	630
17.2308	Die Sinking	–	–	–
17.2309	Metal Patternmaking	–	–	–
17.2399	Metalworking, Other	440	20	20
17.2400	Metallurgy	30	0	0
17.2600	Personal Services	–	–	–
17.2601	Barbering	560	50	40
17.2602	Cosmetology	2,910	360	360
17.2699	Personal Services, Other	10	10	0
17.2700	Plastics Occupations	150	0	10
17.2800	Public Service Occupations	–	–	–
17.2801	Fireman Training	–	–	–
17.2802	Law Enforcement Training	710	90	130
17.2899	Public Service Occupations, Other	20	0	0
17.2900	Quantity Food Occupations	–	–	–
17.2901	Baker	810	430	880
17.2902	Cook/Chef	14,860	2,350	3,230
17.2903	Meat Cutter	1,360	270	450
17.2904	Waiter/Waitress	18,480	6,030	7,240
17.2999	Quantity Food Occupations, Other	330	330	330
17.3000	Refrigeration	40	0	0
17.3100	Small Engine Repair, Internal Combustion	240	60	110
17.3200	Stationary Energy Sources Occupations	240	10	10
17.3201	Electric Power Generating Plants	150	0	0
17.3202	Pumping Plants	220	60	20
17.3299	Stationary Energy Sources Occupations, Other	–	–	–
17.3300	Textile Production and Fabrication	–	–	–
17.3301	Dressmaking	70	10	0
17.3302	Tailoring	300	20	50
17.3399	Textile Production and Fabrication, Other	1,660	560	500
17.3400	Leatherworking	50	0	0
17.3401	Shoe Manufacturing	–	–	–
17.3402	Shoe Repair	100	0	40
17.3500	Upholstering	800	160	260
17.3600	Woodworking	–	–	–

INSTRUCTIONAL TRAINING AREA	Projected Employment	Projected Future Needs	
		Next 12 Months	Following 2 Years
17.3601 Millwork and Cabinet Making	1,710	450	490
17.3699 Woodworking, Other	40	0	0
17.9900 Trade and Industrial Occupations, Other	–	–	–
Totals	150,530	33,730	38,800

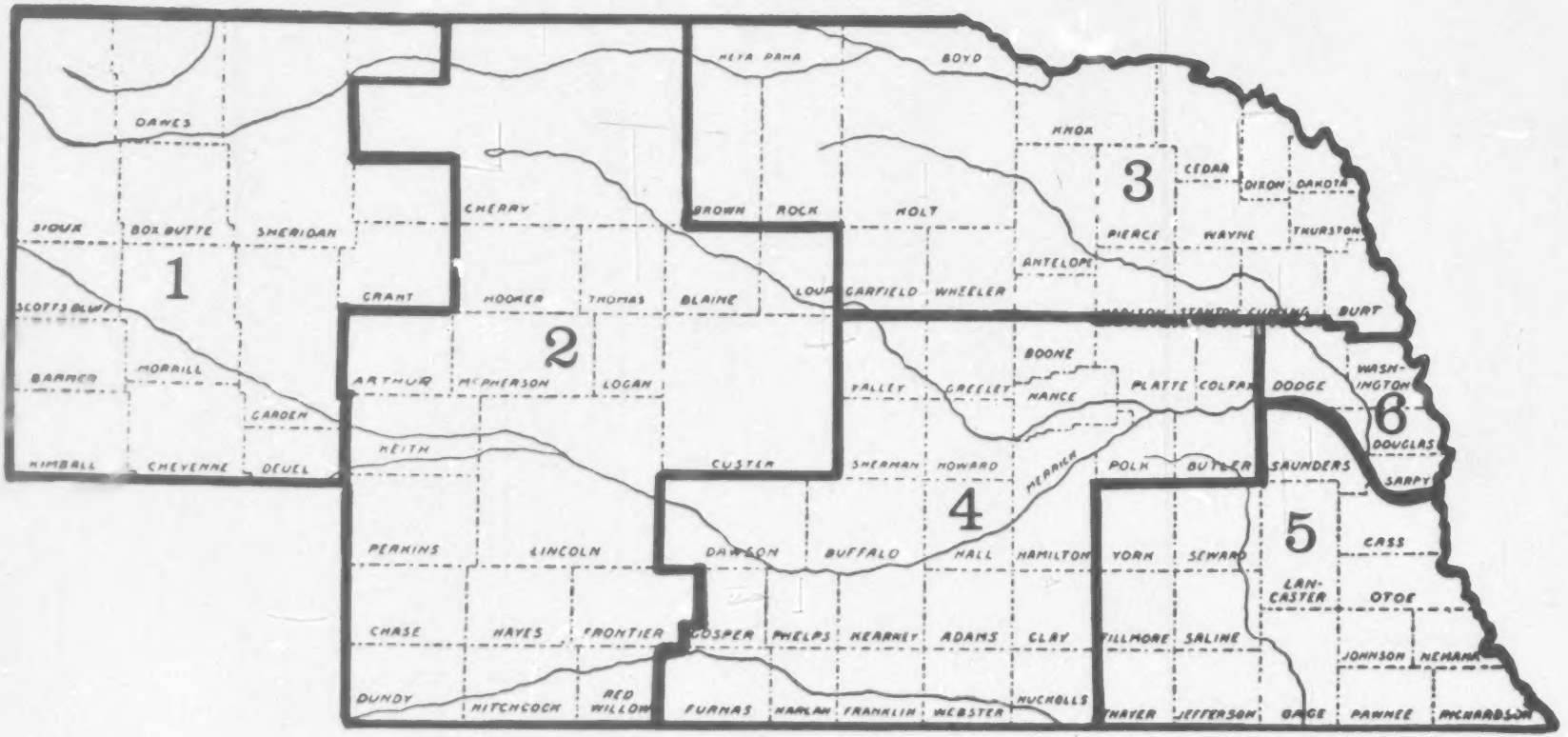
TABLE 30

PROJECTIONS FOR ALL OTHER OCCUPATIONS

	Projected Employment	Projected Future Needs	
		Next 12 Months	Following 2 Years
*Total of all Other Occupations for which there were no Vocational Instructional Training Programs	126,601	24,720	31,940
**Total of all Other Occupations for which there were no D.O.T. Numbers nor Vocational Instructional Training Programs	2,380	960	620
Totals	128,981	25,680	32,560

*Individual job titles identified by * in Section 1 of this Report.

**Individual job titles identified in Table 11 of Section 1 of this Report.



APPENDIX A

TECHNICAL COMMUNITY COLLEGE AREAS

1. WESTERN NEBRASKA TECHNICAL COMMUNITY COLLEGE AREA
2. MID-PLAINS NEBRASKA TECHNICAL COMMUNITY COLLEGE AREA
3. NORTHEAST NEBRASKA TECHNICAL COMMUNITY COLLEGE AREA
4. CENTRAL NEBRASKA TECHNICAL COMMUNITY COLLEGE AREA
5. SOUTHEASTERN NEBRASKA TECHNICAL COMMUNITY COLLEGE AREA
6. METROPOLITAN TECHNICAL COMMUNITY COLLEGE AREA